

Colorado State Board of Education

TRANSCRIPT OF PROCEEDINGS

BEFORE THE

COLORADO DEPARTMENT OF EDUCATION COMMISSION

DENVER, COLORADO

May 5, 2015, Part 1

BE IT REMEMBERED THAT on May 5, 2015, the above-entitled meeting was conducted at the Colorado Department of Education, before the following Board Members:

Marcia Neal (R), Chairman
Angelika Schroeder (D), Vice Chairman
Steve Durham (R)
Valentina (Val) Flores (D)
Jane Goff (D)
Pam Mazanec (R)
Debora Scheffel (R)



1	MADAM CHAIR: All right. Thank you. Come
2	to order.
3	Would you like to call the roll, please?
4	MS. MARKEL: Steve Durham.
5	Val Flores.
6	MS. FLORES: Here.
7	MS. MARKEL: Jane Goff.
8	MS. GOFF: Here.
9	MS. MARKEL: Marcia Neal.
10	Pam Mazanec.
11	MS. MAZANEC: Here.
12	MS. MARKEL: Dr. Scheffel.
13	UNIDENTIFIED VOICE: She's got her mute on.
14	Deb.
15	MS. SCHEFFEL: Yep. I'm here.
16	(Indiscernible) I'm here. I'm here.
17	UNIDENTIFIED VOICE: Thank you.
18	MS. MARKEL: Thank you.
19	Dr. Schroeder.
20	MS. SCHROEDER: Here.
21	MADAM CHAIR: Good morning. Thank you all
22	for coming, but especially it's my pleasure to welcome
23	our panelists (indiscernible) who are with us this
24	morning: Dr. Sandra Bankes, who is vice chair of El Paso
25	Republican Party; Dr. Lorrie



1 UNIDENTIFIED VOICE: Excuse Madam 2 (indiscernible), doesn't Dr. Bankes have additional credentials related to education? 3 MADAM CHAIR: I'm going -- I'm definitely 4 going to (indiscernible) --5 6 UNIDENTIFIED VOICE: Oh. MADAM CHAIR: -- this is all the information 7 that we have so --8 9 UNIDENTIFIED VOICE: Thank you. We have more than you have, so --10 MADAM CHAIR: Yes. Dr. Shepard, who is the 11 dean of College of Education at (indiscernible) Boulder; 12 13 Dr. Kevin Welner, director of the National Education Policy Center, and Professor at the University of 14 Colorado Boulder; and Dr. Derek Briggs, professor and 15 16 program chair research and evaluation methodology also at 17 the University Boulder, my alma mater. Thanks so much for agreeing to participate 18 19 this morning. Unfortunately, a fifth panelist, whom we did (indiscernible) invited, was unable to come, due to 20 21 an accident, Dr. King Hapishaw (ph), and so unfortunately, we won't have a petitioner to speak with 22 23 us this morning, but we are nevertheless thrilled to have this panel to where we (indiscernible), about PARCC 24 25 assessments, about assessments in general.



Panelists, in order to make the most of our 1 2 time this morning, I'm recommending the following. each panelist have let's 10 to 15 minutes, due to limited 3 time, to provide general comments on the impact on PARCC test on students on student performance and/or any other 5 6 comments of the effectiveness of a PARCC test (indiscernible) other tested regimes that you'd like to 7 provide. 8 While our panelists are speaking, we are 9 hopefully going to be able to hold our questions, but 10 11 when you're finished with your presentation, the next portion will be a discussion between you -- between us, 12 13 and then following those questions, we'll hear public That is not questions to you. It's just public 14 comment. Each individual has three minutes of 15 opportunity to speak, which is something that we often 16 17 do. I do know that, at least, one of us will 18 need to leave sometime early today, and if you must leave 19 at some point, I can't tell you (indiscernible). So I'd 20 like to begin, based on your requests with Dr. Shepard. 21 22 Please proceed. UNIDENTIFIED VOICE: Should we introduce 23 24 ourselves? I just meant of the three of us. So I think it's fine for Dr. Bankes to begin.



25

1 MADAM CHAIR: Okay. And I misunderstood 2 (indiscernible). Right, and would -- would each of you share with us your relationship with PARCC or other 3 statewide assessments. 4 Thank you. I am Sandra Bankes. 5 MS. BANKES: 6 I came out of El Paso County. And I am a retired elementary school principal. The school, at which I was a principal, was in the top eight percent of elementary 8 schools in the State of Colorado. 9 I'm also and currently a field supervisor 10 11 for student teachers and principal interns through the University of Phoenix and I am also a writing 12 13 interventionist at the middle school level at a school in El Paso County. 14 I also want to make sure that I represent 15 16 myself, and my opinions are my own. I do not, in the 17 comments I'm going to share with you this morning, do not represent or the opinions of the school, the school 18 19 board, the superintendent, all that, it is information that voices from the peers with whom I work want to have 20 heard, and we appreciate the fact that we are able to be 21 here this morning and share those with you. So thank 22 23 you.

MADAM CHAIR: Thank you.

MS. SHEPARD: So I am the dean, and also a

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- 1 professor at the School of Education, University of
- 2 Colorado in Boulder. I don't have a relationship with
- 3 the PARCC test, but I have a long history as a
- 4 psychometrician and someone who studies how tests are
- 5 used in schools; how they do or do not support learning;
- 6 and I also -- I think relevant to this discussion, I've
- 7 been for 25 years on the National Assessment of Education
- 8 Progress Validity Studies Panel, so that's a role I have
- 9 nationally.
- MR. WELNER: Yes. Hello. And I
- 11 (indiscernible). This is Kevin Welner. I'm a professor
- 12 at the University of Colorado at Boulder as well. I also
- 13 I want to repeat, like Dr. Bankes said, that is for me
- 14 I'm not speaking on behalf of the University. It's just
- 15 my own views (indiscernible). Can -- can you hear?
- 16 UNIDENTIFIED VOICE: I'm not sure the volume
- is to hear (indiscernible). (indiscernible).
- MR. WELNER: There is goes.
- 19 UNIDENTIFIED VOICE: Yes.
- MR. WELNER: Okay.
- 21 UNIDENTIFIED VOICE: We can hear that.
- 22 UNIDENTIFIED VOICE: Thank you.
- 23 MR. WELNER: So my relationship
- 24 with -- with -- with testing is not specific to
- 25 PARCC. It's just what -- what I focus on is the



- 1 relationship between testing and practice, in terms of
- 2 how -- how testing is used within a system of -- of
- 3 school improvement, and the effects of testing on school
- 4 factors.
- 5 MR. BRIGGS: Yes. My name is Derek Briggs.
- 6 I'm a professor also at the University of Colorado. And
- 7 I, unlike my colleagues, I actually am (indiscernible)
- 8 PARCC insider (indiscernible) that I have served on their
- 9 PARCC Technical Advisory Committee the past four years.
- 10 That Technical Advisory Committee consists of 14 -- 14
- 11 people. We meet three times a year to discuss issues
- 12 germane to the design development and implementation of
- 13 PARCC. So much of what I'll have to say comes from
- 14 that -- that perspective.
- I also -- it's probably relevant to say,
- serve on a lot of other technical advisory committees
- 17 related to large-scale assessments. A member of the
- 18 Technical Advisory Committee for the Smarter Balance
- 19 Assessment Consortium, and also a number of other states,
- including New York, and -- New York, Michigan, and -- and
- 21 Tennessee. So I'll be sharing mostly perspectives from
- 22 that, as -- as a psychometrician involved with working
- 23 with states and other organizations interested in test
- 24 development, design.
- 25 MADAM CHAIR: Thank you so much.



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1
                   (Indiscernible).
2
                   MS. BANKES:
                                Should I start?
3
                   MADAM CHAIR:
                                  I -- I think so.
                                                    I got a
      little confused by the request, but --
4
                   MS. BANKES:
5
                                Yeah.
6
                   MADAM CHAIR: -- yeah. Proceed.
                   MS. BANKES: Well, again, thank you for
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      allowing us to -- or for me to bring you comments today
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      from practitioners, who view -- who have a view of the
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      standardized testing at the elementary and middle school
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      level for this school of year. My comments are from my
11
      experiences as a field supervisor for student teachers
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13
      and a language arts interventionist for sixth, seventh,
      and eighth graders.
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                   The other comments that I will share with
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16
      you this morning come from a current middle school
17
      principal, a gifted and talented teacher, who works in
      three schools, and a central officer administrator; all
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19
      of whom are located in El Paso County, and from several
      different districts. And again, let me share with you
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      that these are personal, professional vies, and not the
21
      opinions of the people for whom we work.
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23
                   Student teachers that I supervise, in
24
      addition to their coursework, are responsible for
      creating their own curriculum that aligns to state
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1 standards and incorporating the technology available in 2 their schools and in their classroom. It's my responsibility to ensure the teachers I supervise get the 3 training and experience that are necessary to make them competent first-year teachers. 5 6 (Indiscernible) teachers come highly recommended, and highly qualified teachers consistently 7 pursue effective teaching strategies, develop 8 individualized instruction for students, engage parents, 9 and reach outside the schoolhouse walls for authentic 10 audiences for their students to demonstrate their skills 11 and abilities. The learning curve for this school year 12 13 for both (indiscernible) teachers, and student teachers, and principals, and all staff has been sharp. 14 In looking at the calendars in several 15 school districts, student contact days vary from 168 to 16 17 179 days. In the middle school in which I serve as an interventionist, 15 of those days are test days, from 18 April 13th to May 7th. With the prep time to familiarize 19 staff and students on the testing format, additional time 20 on the computer is required. This affected the whole 21 school. As a school administrator, I used to suspend 22 students for creating a material and substantial 23 24 disruption to the educational day.

My experience, for example in this PARCC

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- 1 testing, I proctored the seventh grade language arts math
- 2 PARCC. The problems occurred the first day of testing
- 3 were because of computer glitches on our testing
- 4 location. It took an hour to get the test started. By
- 5 the end of the first session students were sitting for
- 6 two and a half hours.
- 7 In the afternoon it took a half an hour to
- 8 get logged on. That meant that a hour an 50 minutes of
- 9 testing conditions were required of our students.
- Day 2, the whole computer system was down.
- 11 We were at our location for an hour an and a half before
- 12 word came back to class -- for word could come back to us
- 13 that we could return to the classroom. Kids were sent
- 14 back to class and content teachers were expected to pick
- 15 up lessons that weren't scheduled for that day.
- Skipping to the makeup day, out of 30
- 17 students who were on my roster, only 16 were in
- 18 attendance that day. (indiscernible) next door to me had
- 19 about the same ratio. By the time we went through the
- 20 testing window, teachers and students were jaded by their
- 21 experience: would we test today; how long will we have
- 22 to sit; kids were saying why can't we just use paper and
- 23 pencil and get this done.
- In addition to the amount of time invested
- 25 in the testing window, computers throughout the school



- 1 were unavailable for use by other students. 2 computer lab, every secure cubie hole was in use to accommodate the testing. Any computer -- any computer 3 technical difficulties was handled by the media specialist. He was up and down the two floors to solve 5 6 the problems test administrators couldn't resolve. 7 Comments that I brought to you this morning from the middle school principal had four points. 8 first was technology impact for schools. Due to the 9 amount of assessments and then makeup assessments, it is 10 not conducive for teachers to continue to infuse 11 technology into their instruction during these past few 12 13 months, i.e., the computer labs, and even the library have not been accessible in an effort to ensure that we 14 can assess each grade level. With not being a one-to-one 15 student-to-computer school, it requires an assessment 16 17 schedule with our technology to ensure we build into our schedule the allotted testing time; possible extra school 18 days, due to weather; and then the makeup schedule. 19 This lack of technology for schools inhibits 20 our ability to continue our 21st century instructional 21 practices. Our research with technology and team 22 building goes to the back burner for several 23 24 weeks -- months.
 - Second point: loss of instruction. As it



1 is well known, if a grade level takes two tests a day, along with checking in and out of materials, it can take 2 up to two hours for each assessment. This direct impact 3 limits the teaching and learning time in between courses for all involved. 5 6 The third point: opt-out option. For those parents/quardians who choose this option, it directly 7 impacts the student and their own family. First, 8 families who opted out were then required to adjust their 9 10 daily schedules, whether they kept their students at 11 home, or brought them back and forth between the assessments. Their daily routines were directly 12 13 impacted. This last point is on school culture and 14 climate during the assessment. Teachers should be, and 15 16 are expected to regularly assess student growth and 17 achievement, as well as the effectiveness of their 18 instruction on a weekly, monthly, or unit-by-unit basis. For us to add more assessments begin to wear on the 19 enjoyment and engagement for our students and staff 20 around teaching and learning. 21 It was evident on some occasions, as one 22 23 student put it, "Felt like a testing factory instead of school." One teacher added through paraphrasing I didn't 24 go to college, nor did I get into education to become a 25



trained assessment professional.

purposes for students and schools.

The school culture and climate was directly

impacted by the amount of tests; the time it took to

complete the assessments; and the ongoing desire to get

them done versus demonstrate what we know so we can use

that information for instruction and accountability

The next set of comments comes from the teacher that serves three schools, as a gifted and talented teacher. My three schools have each spent six weeks testing. This means that the computers are not accessible to the younger students for five weeks. This also means that each of my schools was forced to buy two carts of Chromebooks to use that there are enough computers to get the tests done in that six-week period.

This testing schedule was -- has disrupted regular classroom learning since January. Since teachers were first required to learn about the new test and figure out how to make kids successful in taking it, and then administering it. When the teachers were allowed to view the practice problems -- and this is a comment I also got from a middle school department chair in the language arts department of her school -- that they weren't -- they, themselves, were not sure about what the correct answers were, due to the poor wording of the



1 questions. There have been, at least, two instances 2 that I know of where testing was not able to be done on a 3 certain day, due to computer glitches. The testing schedule has also disrupted the schedules of all the 5 6 other students in the building, as their lunch and recess times must be rearranged in order to accommodate the 7 testing. 8 Other student schedules have also had to be 9 rearranged because I, as the teacher, have had to 10 rearrange my schedule in order to accommodate the testing 11 schedule. In short, this whole testing situation is 12 13 extremely disruptive for all the members of my three schools. It does not feature well written questions, and 14 it will not give us any information that we could not 15 16 obtain in other ways that are less disruptive. 17 Thank you for asking for my input. I asked all of these folks, and others, to 18 19 give me their input to share what it is that their concerns are when I came this morning. You see a 20 familiar refrain through them: disruption of the school 21 day; the glitches with the computer system. 22 The third comment comes from central officer 23 24 person and she speaks to the whole standards-based

movement, which started in 1990, and the reasons for



testing and accountability. She ends with I also think 1 2 we need to give PARCC the state and districts time to 3 work out the bugs and the testing process, but -- and the but is in capital letters, this testing is forcing districts to update technology, which we should be doing 5 6 for all of our kids in this day of technology. In conclusion, throughout all of this I hope 7 you heard that my statements are about the events in 8 schools and the effect on the training for student 9 teachers. Does the amount of testing interfere with 10 instructional time, and thereby diminish the overall 11 quality and quantity of our instruction? 12 13 The question I want to leave with you: is how much data do we need to formulate our curriculum, 14 assess student achievement, and measure school 15 16 accountability? Thank you for your time this morning. 17 And thank you for listening. 18 MADAM CHAIR: Thank you very much. I think that leads right into the (indiscernible). 19 MS. SHEPARD: I suggested of the three of us 20 that I could first because building on what's already 21 been presented, I could give a little historical context, 22 mention of 1990 standards-based testing, and then also 23 say what we know from research -- actually studying the 24 effects of large-scale high-stakes testing in schools on 25



student learning, on what teachers do with their 2 instruction, and (indiscernible). 3 So it's actually the case that we can look back several decades to the minimum competency testing 4 movement, which began in the '70s, and each decade has 5 6 had its own character of how much testing has been added, and how much accountability pressure has been layered on 7 with each new decade. So minimum competency testing was 8 just about exiting from high school, so not all students, 9 all grades were taking those tests. And if you recall "A 10 Nation at Risk" published in 1983 it already said that 11 there had been negative effects from that testing in the 12 13 '70s; namely, the dumbing down of curriculum to only focus on minimums. So there's a long research history on 14 how these policy intentions, which always are lovely 15 intentions lead to unintended consequences. 16 17 Ross Perot famously talked about what was happening in the 1980s when it was mostly states adopting 18 off-the-shelf standardized tests, like the CTBS, and 19 there was -- there were about a half dozen of those kinds 20 of tests. And the '90s standards movement showcased what 21 had happened that was bad about all that standardized 22 Again, during that decade basic skills 23 testing. performance on the national assessment of educational 24 progress went up, and higher-order thinking performance 25



- went down, so the idea was oh, we need a test in the
- 2 1990s that would better capture that higher-order
- 3 thinking, not unlike the talk presently about critical
- 4 thinking, need to assess that higher level of
- 5 performance.
- 6 I think the takeaway messages from the
- 7 research on how instruction gets changed in response to
- 8 high-stakes testing, and how learning gets changed is
- 9 that there are distortions that occur every time, and the
- 10 amount of distortion comes with the quality of the test,
- 11 and also, with the amount of pressure. So everyone is
- aware of the research that shows that especially in low
- 13 performing schools, social studies and science are forced
- out of the curriculum when people are so concerned just
- 15 about reading and math tests.
- 16 A point I try to make that I think is very
- 17 important to the school climate and culture comments that
- 18 we've already heard, is that a closer look, where they've
- 19 actually been comparative studies about what students can
- and can't do compared to what's assessed on the test, is
- 21 that even reading and math are not taught well if they're
- 22 just practiced in formats that resemble the tests. And
- this, in studies done in the '80 and '90s -- this is done
- 24 disproportionately in low-performing schools. An NSF-
- 25 funded study, in fact, found that kids in urban



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1 environments were getting things that looked just like 2 the standardized test. 3 Nonetheless, even with all that evidence, policymakers and their -- this is -- this is a bipartisan 4 thing, so please don't interpret when I -- with 5 6 unkindness say the term policymaker, it really is shared across the parties that accountability tests could be 7 used to leverage reform, and the imposition of sanctions 8 could be the pressure to change, and that pressure is why 9 10 people are teaching in ways that look more and more like 11 the test. With no child left behind, it escalated 12 13 another notch, because of the amount of testing, and interesting now -- now we have warring groups of parents. 14 They don't know they're at war, but some parents want a 15 16 score for their kids, and other parents want not to have 17 their kids tested so much, so it's -- policymakers are 18 appealing to different groups when they impose more and more every student testing so that we could have a score 19 20 and measure progress grade, to grade, to grade, et cetera. And the more testing we do, the more time we 21 spend on it, but also, what the research on learning 22 23 effects tells us, the more the students can't do the same

things the test was meant to measure if asked just a

slightly differently way, that's a teaching the test



- 1 effect, even if (indiscernible), and the more that they
- 2 come to have an understanding about what learning is for,
- 3 that actually makes it not what we intend.
- 4 We want kids to learn, so that they can be
- 5 good at these things, so that it can be exciting, so that
- 6 they can use it in authentic context that's not like a
- 7 texting drill and practice conveys. So I think
- 8 that -- those are some of the important things.
- 9 The specific respect to PARCC, we do have an
- 10 issue here, that PARCC was intended to be a broader
- 11 enough test that teaching to it wouldn't hurt that
- 12 generalization of skills. So that kids can do the
- 13 PARCC -- they could do it if you asked them yet another
- 14 way. And we are in a fix right now, or you, or the
- 15 legislators across the street are in fix, because they're
- 16 being forced to make a decision about a better test
- 17 because of all of the layers of amount of testing that
- 18 have been added, including lots of things the school
- 19 districts purchased to get ready for NCLB testing that
- 20 it -- are actually much worse tests than PARCC. So maybe
- 21 we'll come back to what do you do with this. I think
- 22 it's a genuine dilemma -- better test -- but too much of
- 23 it.
- MR. WELNER: We're lined up this way, so I
- 25 (indiscernible).



1	MADAM CHAIR: Down the line (indiscernible).
2	MR. WELNER: I'll try to speak louder and
3	more into the mic this time. Thank you. So I'm going to
4	be relatively brief with this opening statement, and I
5	just really wanted to make two points. The first, is
6	that I wanted us to discuss how the use of testing has
7	changed over the past couple of decades, not just in
8	amount, but also in kind. And I'll explain why
9	the why the issue we're discussing, I think is most
10	productively framed as the sensible use of testing, not
11	about the PARCC or testings at large. And then second, I
12	want to briefly discuss the twin issues of accountability
13	and the opportunity gap.
14	So first, the the use of tests, as
15	measurement tools, is very different from the use of
16	tests to drive policy goals, like school improvement and
17	teacher quality. As measurement tools, tests help
18	teachers and others reach judgments about the nature,
19	scope, and extent of student's learning. This
20	information can also be can can be used for
21	summative purposes, such as grading, and placements, and
22	admission, but tests can also be designed and used for
23	formative purposes, such as teachers tailoring of
24	subsequent instruction, or a policymaker's decisions
25	about where (indiscernible) resources, and these are the



sensible and conventional roles for tests. 1 2 But the enormous expansion of tests and testing over the past couple of decades has not been 3 driven by the mere desire to better measure and understand student learning. Instead, the intent of 5 6 policies like NCLB has been to use the measurement of student learning to drive broad policy decisions and to 7 change the behavior of teachers, principals, and others. 8 The key object of measurements has thus 9 shifted from the students to their teachers, their 10 principals, their schools, and their districts. So tests 11 that were once primarily measurement tools have no -- now 12 13 become policy levers, and we've seen that this use of tests is ineffective and unwise frequently leading to 14 negative unintended consequences, and outright failing to 15 accomplish the school improvement goals stated at the 16 outset of the reform movement. 17 So it's the policy lever use of test that 18 19 has driven the great expansion of testing. And to be 20 clear, part of the reason why PARCC is so long, which Lorrie just touched on, why it has so many items, and 21 different types of items is because it's trying to 22 measure deeper learning, but it's also true that PARCC 23 24 would not need so many items to be answered for each child. We wouldn't spend so long testing if we didn't 25



1 need scores that could then be used to precisely measure 2 individual student growth. 3 We wouldn't need to give the whole PARCC test to each and every student. School districts, if they didn't face high-stakes consequences, wouldn't feel 5 6 the need to pile on the interim assessments that Lorrie spoke of, designed to provide an advantage in bumping up 7 all those all important test scores. None of that would 8 happen if we were using tests sensibly and 9 conventionally, rather than as a policy lever. 10 It's the high-stakes test driven accountability systems that are 11 the problem. 12 13 So let me shift then to this issue of accountability. Ultimately, the key goal of -- of this 14 Board and of Colorado's schools is to increase student's 15 opportunities to learn. The high-stakes test driven 16 17 accountability system, of which PARCC is now a part, was intended to further that goal, even if it didn't happen. 18 19 And to be clear, it did not. 20 A successful and wise accountability system doesn't put in place top down -- doesn't put in place a 21 top down system of test demand and sanction. Instead, it 22 23 puts in place coherent supports and demands that at all 24 levels of the system. And this means a system of mutual and multidirectional accountability that seeks to ensure 25



- that all players from top leaders to school-level
- 2 educators, and students are doing their part to close the
- 3 opportunity (indiscernible).
- 4 So that doesn't mean that we shouldn't have
- testing. It doesn't mean that the technically
- 6 sophisticated work done to create a testings like the
- 7 PARCC have gone to not. What it does mean is that school
- 8 improvement efforts have to begin from a different
- 9 starting point.
- 10 For nearly two decades now we have begun
- 11 with tests and tried to figure out the right pressure
- 12 points to push students, teachers, and principals, and
- 13 others to do better. In truth, the policies have been
- 14 powerful. They have substantially changed what happens
- in schools and classrooms. People do respond to strong
- 16 incentives and disincentives.
- 17 The problem, of course, is that the
- 18 responses aren't always what the policymakers hoped
- 19 they'd be. So schools and teachers adopt unhelpful
- 20 practices, like teaching to the test, and narrowing
- 21 curriculum, and other shortcuts that undermine our broad
- 22 and deep learning goals. And the end result is that the
- 23 measured achievement trends haven't really changed.
- The challenge of making good use of PARCC is
- 25 just part of the general challenge of building a smart,



1 efficient, and fair school system. Yes, test like PARCC can be downsized, but they also need to be used in a way 2 3 that helps the overall system. Most importantly, this means going back to a use of tests to help understand 4 what children have learned, rather than to drive school 5 6 improvement, and I hope that will be the guiding star for this -- for this Board, as it moves forward, and looks 7 for points of agreement about how to help this 8 (indiscernible) school system. 9 MR. BRIGGS: So let me actually start also 10 11 with a disclaimer, which is that while I am on the PARCC Technical Advisory Committee, and -- and had that sort of 12 13 involvement, I don't speak for the Technical Advisory Committee, nor do I speak for the developers of PARCC 14 (indiscernible) perspectives on the test. And -- and as 15 an (indiscernible) Technical Advisory Committee, it's 16 17 worth noting that my view on -- views on PARCC are sort of like the views that I have of my own child, which is 18 that I've -- I've gotten to -- to know PARCC very 19 20 well, and -- and I have some affection for it on the 21 inside. On the other hand, I'm very hard on PARCC, just the way that I'm sometimes hard on my own child, because 22 23 I have high expectations for what my child and for what 24 PARCC could -- could extensively accomplish.

So I want to make three points, and I think



- the points build on much of what has been said.
- 2 And -- and the first thing I think I should note is that
- 3 I -- I want to be sensitive to what my marching orders
- 4 were -- or just my -- my -- the request was, and I don't
- 5 think any of us necessarily had followed them very well.
- 6 And I want to be clear, as to why I think that's the
- 7 case.
- 8 So what we were asked to do was to give
- 9 general comments on the impact of the PARCC test on the
- 10 students and on student performance, and any comments on
- 11 the effectiveness of PARCC -- of the PARCC test vis a vis
- other testing regimes. In that, the reason that
- 13 some -- almost impossible to -- to comply with that is
- 14 that we just don't know yet. It's too soon. And this
- 15 really connects one of the three points I want to make,
- which is I think it's really, really important to see
- 17 PARCC for what it is, an evolving enterprise, and not
- 18 something that as it comes out of the box as a finished
- 19 product, and done, and that's how it would be
- 20 from -- from time -- from here on out, but as something
- 21 that has seen a lot of work, and will see more work. And
- 22 I think over time, given the opportunity, we'll get to
- learn a lot about what potential impacts are, in terms of
- teaching and learning, and -- and the like.
- That said, I will be able to say something



1 about how I think PARCC compares to other testing 2 programs that I've had the opportunity to see. So one of my main points is that -- is that PARCC should be seen as 3 an evolving enterprise, not as a fixed product, or a finished product. 5 6 The -- the two other points are this. my perspective on the Technical Advisory Committee, I 7 feel comfortable saying that having also seen a lot of 8 other tests designed, and -- and put out, I feel very 9 confident saying that PARCC was very thoughtfully and 10 conscientiously designed. It was submitted to a lot of 11 scrutiny both public scrutiny and professional scrutiny. 12 13 It continues to be submitted to a lot of public and professional scrutiny. 14 A second point I want to make is that PARCC 15 16 does, in fact, have a lot of very novel features relative 17 to tests that we've seen before. Some -- there -- there is this sense in which many of these novel features being 18 done all at once has been quite a burden. And some of 19 20 the things that, like Dr. Bankes has referred to, in terms of technological glitches, are the sorts of things 21 that you can imagine happening when you're trying to 22 innovate in the sense of both the kinds of item formats 23 that you're creating on -- on the tests, and the 24 25 integrations of technology all at once. So there are



clearly growing pains here, but I want to say something 2 about the novel feature of the PARCC test. 3 So let me come back to these two points. The first point about the -- the -- what I've observed as the conscientiousness and the thoughtfulness that went 5 6 into the design of PARCC. One of the things that is really noteworthy about the efforts to develop PARCC, 7 and -- and that makes it quite different, and makes 8 it -- it's very important to appreciate that a test is 9 not a test, is not a test. And that in comparing even 10 PARCC from what came before it, it's really critical to 11 understand that when we think about the TCAP, or the CCAP 12 13 before it, the TCAP and CCAP are not necessarily flawed or -- or -- or really problematic tests, but they were 14 written to very different standards. 15 PARCC was written to the Common Core State 16 17 Standards, and one of the things that was very noteworthy 18 in the process of writing the test to the Common Core State Standards is that a process that has been in the 19 20 psychometric community and assessment community understood for sometimes as a very principled approach 21 for assessment design is as known as, evidence-center 22 23 design. And that approach begins with saying: what are 24 the claims that we want to make about students on the basis of their test scores; what are the sorts of things 25



1 we want to be able to say once we have a test score for a 2 student that the student knows and should be able to do; and we start with that vantage point, and that -- those 3 claims are all connected to the sorts of standards that are in the Common Core State Standards. 5 6 Now, when those -- when those statements 7 have been established, the process of actually designing the test goes from those claims, and their notion is, how 8 do we write items, and how do we think of the design of 9 items that would best elicit or get us information about 10 11 the students that would support the sorts of claims that we want the test to make. Now, this sounds 12 13 straightforward and, sort of, obvious as the thing you would do, but as a process it's not something that is 14 then implemented at scale. 15 16 I think before these consortia tests -- both 17 the PARCC consortia, the Smarter Balance consortia are 18 both taking this perspective on how they've gone about designing their test items. One of the things that's 19 very notable as well, is that one might think that by 20 writing a test to the Common Core State Standards it's 21 just a matter of looking at the standards and then the 22 items become self-evident from the standards, but that's 23 24 not the case at all.

If you actually read carefully the Common



Core State Standards, and particularly in mathematics, 1 2 one of the things that's very novel about the Common Core State Standards is the attempt to place equal weight on 3 both what students know about mathematics, and how they apply their knowledge, in terms of how they reason with 5 6 their knowledge, and how they problem solve with their knowledge, but how you weave those things 7 together -- things that were more along the lines of 8 recall, and knowledge of fractions, or decimals, and 9 proportional reasoning, how you demonstrate that, in 10 terms of practices, the Common Core doesn't really lay 11 that out at all. And one of the things that the 12 13 designers for PARCC had to do is actually very explicitly say how you weave together knowledge, and reasoning, and 14 they actually had to go beyond what the Common Core lays 15 out, and actually establish a framework for doing this. 16 17 Part of that framework involves actually establishing what does it mean for some items to be more 18 cognitive -- cognitively complex than others. What are 19 20 the principles by which we would establish that certain items get at higher order of thinking skills and other 21 ones are more at that order of recall. So as a design 22 principle, a lot of effort went in at the front end to 23 24 conceptualize on how to create items to get at things in 25 a way that we haven't gotten up to before.



- 1 The other piece that is important for me to 2 point out, in terms of novel features, one novel feature of the PARCC test that's most evident is this integration 3 with technology: the computer-based format. But in -- in going to this computer-based format it's 5 6 actually, I think, to some extent, opened the doors to different ways for students to interact with items, even 7 if you look at the practice test that has been made 8 available for PARCC, items that we might characterize as 9 traditional multiple choice items, really don't look that 10 11 traditional anymore. That is, typically I think when we think of 12 13 a multiple choice item we think of an item that has an A, B, C, D and cues A, B, C, D. If you'll look at 14 the -- the actual items that exist for -- in the practice 15 16 test for PARCC, what you'll see in many case is that 17 there isn't an A, B, C, D. There are entry points for selecting choices, but there might be as many as eight 18 different choices that one has to choose from to drag 19 into that entry field. So it'd be collected -- it'd be 20 21 correct to characterize the test, in many cases, as having formats that look like selected response, but 22 23 they're quite different from traditional multiple choice items. 24
 - So in some sense, when people refer to



1 technology enhanced items that's not a great term. a very vast, broad term, but this is one example where 2 the technology using the -- the computer interface can 3 make things less guessable than they were in the past, and make -- make it actually much more challenging for 5 6 students to take the test. That's one reason, I think, why we're hearing so much from the field about people 7 talking about just how difficult these tests really are. 8 Another feather that's worth really 9 noteworthy and -- and I think it's attracted a great deal 10 of attention with the PARCC assessments is the emphasis 11 on performance-based tasks. This is really the -- the 12 13 biggest change that both the PARCC and the Smarter Balance assessment consortia have tried to implement; 14 that is, if you believe that the Common Core gets 15 16 at -- really attempts to get at higher-order thinking 17 skills in a way that previous standards did not, well, then it stands to reason you would expect the tests have 18 to look different; have to have the kinds of questions 19 that really allows students to express their ideas in a 20 21 much deeper way. This is where I think the -- the 22 23 performance-based tasks have been targeted to accomplish 24 that. And it's very connected to this idea of -- of why we have so much of an increase in testing time. I think 25



1 a really large reason for that is the incorporation of 2 these performance-based assessments -- I'm 3 sorry -- performance-based tasks within the larger -- larger assessment. I think that along those lines Lorrie made a -- a really terrific point when she 5 6 talked about the concern that in any testing enterprise 7 there is this worry that the potential for instructional distortion is a function of two things: the quality of 8 9 the test, to which instruction might be focused, and the stakes attached to the test. 10 So what we clearly have in this situation, 11 and this bears on what Kevin mentioned as well, is the 12 13 test that are very high stakes, right. And so that puts the onus on the designers of the test to really make 14 assurances that what they have is high quality, such that 15 16 if there claims that teachers are teaching to the test, 17 how can you make it a test worth teaching to. And I think this very much was what was behind a lot of 18 thought, in terms of the design for these tests. To 19 20 really be able to argue that the PARCC test really covers the breadth and depth fully of the Common Core State 21 Standards, such that if the -- if teachers are really 22 teaching to PARCC, they're teaching to the full range of 23 24 the Common Core, and hence that will limit distortions given the -- the high stakes nature of the test. 25



I think much, as what Kevin pointed out, if 2 there's this concern here then that the PARCC tests are as time consuming as Dr. Bankes has -- has pointed out, 3 and disruptive in terms of instructional time, the question is how do you jimmy that equation, given that 5 6 there are still high stakes, if you decrease the amount of time, to what extent do you now have less validity 7 behind the claim that your assessing the full breadth and 8 depth of -- of the Common Core for each individual 9 student, if that is seen as a real important thing. 10 that's a really difficult and (indiscernible) question we 11 12 push to grapple. 13 The last points I'll -- I'll -- I'll make here is that there really is, I think, a deep and 14 fundamental question that I wish that we would, as I 15 guess society engage in, which is what is the proper role 16 17 of assessment in public and private education for that That -- that is, what ---assessment has to be 18 matter. much bigger than standardized testing. And it -- it 19 worries me that -- actually the quote I heard from Dr. 20 Bankes of a teacher that said, "I didn't go to college 21 and into teaching to become a trained assessment 22 23 professional." That worries me quite a bit, because 24 frankly, who are -- you know, a teacher should be an assessment professional, in fact. 25



1	The problem, I think, is that this
2	particular teacher might think that when the word
3	assessments is used that means standardized testing. And
4	it worries me quite a bit that we've come to the point
5	where whenever someone says the word assessment they
6	think that just means a standardized test. Whereas, a
7	standardized test needs to be a component in a broader
8	system assessment. The assessment takes place every day,
9	and is critical, I think, to the education of students.
10	And what's really important to think about how tests like
11	PARCC fit into a broader system of assessments that is
12	balanced and thoughtful, and not distorted in one one
13	(indiscernible). Thank you very much.
14	MADAM CHAIR: Thank you.
15	Thank you to all of you.
16	I believe now it's time for my colleagues to
17	ask questions (indiscernible). No questions?
18	Dr. Flores.
19	MS. FLORES: I'm concerned about the
20	(indiscernible).
21	MADAM CHAIR: Pardon me? I'm sorry?
22	MS. FLORES: (Indiscernible). I'm very
23	concerned about the (indiscernible) of teachers, who
24	basically teach for three or four years, sometimes
25	it's they don't want to teach any more, but sometimes



the district, you know, sends them out without any 1 2 training. They come from the university. And I do think 3 that teachers need more training while at work, and they're not given that -- that support when they're teaching. 5 6 And I think that also the (indiscernible), I 7 mean, is that they never get the skills to do the formative assessments that they need, and that really 8 is -- is a -- a very big concern for me. And I think 9 we're -- in fact, we're going away from that. What do 10 11 you think --MADAM CHAIR: Do you have a question? 12 13 MS. FLORES: Yes, I do. That's the question. What do you think we should do about -- about 14 that issue when -- when I think the whole reform 15 movement -- and I -- I think it's there -- thinks that we 16 17 shouldn't train teachers to -- to be skilled at formative 18 assessments? 19 MS. SHEPARD: Well, I can -- I can give you 20 some background and answer to that question. unfortunate that no child left behind happened exactly 21 when it did, because in exactly that same year as the 22 23 passage of NCLB, the National Academy of Sciences had put 24 together a study that brought together all of the

(indiscernible) science research on learning with all of



1 the measurement research, including what Dr. Briggs was 2 talking about, regarding evidence-centered design, like 3 how would you build assessments that -- for the large scale purpose have these properties, but also they brought together all of the formative assessment research 5 6 from the preceding two decades. 7 And what they -- what they recommended was a model for assessment systems, to Dr. Briggs' point, where 8 9 the large scale assessment that state's used were 10 conceptually congruent with the assessments that 11 classroom teachers used, that they would be different. They would be the same in -- in terms of the task 12 13 demands, and the reasoning that had to go on with the content knowledge that was represented, but it wouldn't 14 be just give that test in March, and you have the teacher 15 16 use it, and have the policymaker use it. That's what 17 they said should not happen, because the technical, and 18 timing, and practical issues that go with what you need for the large scale comparable -- you need comparable 19 20 data for the large scale assessment to have any meaning -- is very different from what the classroom 21 teacher needs on a given day or week. 22 23 And it was very unfortunate that that formative assessment literature, which had been 24 summarized in 1999 very famous meta-analysis, and then 25



1 that National Academy of Sciences report -- everyone was 2 in agreement what this should look like, and instead, literally commercial sellers of assessment took the word 3 formative assessment and they applied it to very lowlevel tests that were administered by computers to give 5 6 teachers scores frequently. Those are called interim tests now, because we literally, in the literature, had a 7 fight about whether they could call those things 8 formative assessments. 9 It's true they could be used formatively, 10 11 but they weren't the formative assessments grounded in instructional tasks. And the big difference that I see 12 13 is the difference between giving teachers scores. already knew who was the high scorer in their class and 14 who was the low scorer. Instead of substantive 15 information about what the kids understood and what they 16 17 didn't understand, and even how could I ask it a 18 different way, or propose a different set of activities to help them know. 19 So the substantive purpose of formative 20 assessments was lost. And to your point, how could we 21 help teachers get it: it really needs to be grounded in 22 23 instructional design, so one proposal that I've made at 24 some of these national meetings is that we go back to somethings that worked effectively in the 90s, which are 25



1 replacement units for teachers. That is, a three-week unit about how to teach proportional reasoning, for 2 3 example, with these deep rich tasks that they could use to learn about the content themselves, because some teachers need help with the curricular changes that are 5 6 being asked, or they know the curricular changes, but they haven't had much experience yet with student 7 thinking, so us showing them tasks that elicit different 8 levels of student thinking, those were called learning 9 10 progressions. 11 And that -- there's a huge assessment literature about how that could support teachers helping 12 13 students learn with assessments, but it's very different from just adding a bunch of performance assessments to 14 PARCC, which made it a better large-scale test, but it 15 16 doesn't help -- none of that amount of time spent is 17 helping teachers over the course of the year, so I think 18 that, you know, we have to go back to some of those proposals. 19 20 MS. BANKES: I think your comment really brings us back full circle with the teacher who said, you 21 know, I didn't go to school to become a professional 22 assessment administrator. The difference between 23 assessing in your classroom is really what you just spoke 24 25 to, and that is, we -- you have units to which you have



1 turned your lesson plans in. They're aligned. They are 2 within what it is expected, whether the district has pace in curriculum, whether it has an alignment across all 3 grade levels, a vertical alignment. 4 When teachers go to, at least the teachers 5 6 that I work with, go to put their units together, they took a look at the goals and objectives. They look at 7 the assessment piece that is going to assess the goals 8 and -- and objectives that they have, and then they put 9 in their learning activities to make that happen. 10 you move that out of that realm, and you move it into the 11 standardized testing, to which you're speaking, the 12 13 broader goals that we want to accomplish, the high stakes that are attached to those, somewhere in that gets lost 14 this idea of I want my students to be well rounded; to be 15 able to think critically; and to be able to work through 16 17 problems. I love camping because it's always created problem solving. If you've ever gone camping -- in a 18 camp, doing all of that. The same thing happens with 19 what we want kids to do in finding out (indiscernible) 20 for them to demonstrate what it is that they do. 21 The comment about being a professional 22 assessment administrator has to deal with the protocols 23 24 that are involved; the fact that you can't talk to your kids while you're -- they're testing; the fact that you 25



1 can't prep them for what they're going to be learning. 2 also was a test administrator for a NAEP -- for National 3 Assessment of Educational Progress for two cycles. And going into a classroom where, especially for the younger folks, where they didn't know us, and now they're looking 5 6 at their teacher for instruction, and the teacher can't do any. She can't even smile. She has to -- she or he 7 has to be out of the room, or just stay at the desk. 8 There's a connection in teaching. 9 10 people I work with, and the people that are successful 11 through the training program that I'm responsible for, are engaged with their students. They're invested in 12 13 their parents, and they want to be able to provide, not only that academic piece, but also that emotional social 14 piece that says, we want you well rounded. 15 16 systems in place for this reform that says if you have a 17 kindergartener, who can read on a first-grade level, second-grade math, whatever, that we allow enough 18 flexibility in the system so that child can go up and get 19 20 their math, or their reading learning, but then come back to their age-appropriate peers so that they get a chance 21 to grow and to develop. I think that's where we should 22 23 be looking when you're talking about looking at skills 24 and abilities, and children to be able to demonstrate what it is that they know and are able to do things. 25



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Let -- let me -- I'll -- I'll
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                   MR. WELNER:
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      try to be really quick, if you don't mind.
      there's a theme that's emerging here, and I think it
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      does -- it overlaps with this issue of teacher
      professionalism. And if we think about using -- using
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      tests in a formative way, that's -- that's very much
      relying on teachers to -- to be professionals, right.
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      It -- it's very much bought into this idea of developing
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      teachers as professionals.
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                   The -- the -- the model of -- of test
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      based -- or -- or high-stakes-test-drive accountability
      doesn't exclude the idea of teachers as professionals,
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      but it very much also grabs onto -- onto a -- a different
      model, and that's sort of a -- a -- using -- use of tests
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      and -- and thinking about the school system in a way that
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      involves, sort of, weeding out bad teachers; identifying
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      flaws in the system; schools that aren't performing;
      districts not performing; and teachers not performing.
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                   Those are two -- I mean, it -- you can have
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      it -- people -- I think, and -- and properly, use the
      same test for -- for the -- for both those purposes.
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      don't -- I don't think that's a good idea, but we see it
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      happening all the time, but those are -- I think it's
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      important to recognize, even if we're talking about the
      same test, those are two very different purposes. And if
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1 we're -- if we're trying to -- to develop a model of 2 where -- where we are valuing teachers and developing teachers, as professionals, I think it's important to 3 recognize that -- that we're when we're bought into a -- a high-stakes-test-driven accountability system, we 5 6 are in a lot of ways undermining that, and we're in a lot of ways pursuing a different model that -- that tries to 7 improve schools by identifying the bad schools and the 8 bad teachers. 9 I'll see if I can 10 MR. BRIGGS: 11 (indiscernible) question. MS. FLORES: 12 Sure. 13 MR. BRIGGS: The -- the -- there are two 14 things. Number one, to respond to your question, in terms of what can be done to -- to help teachers, 15 16 in -- in terms of I think giving them the skills 17 necessary to do -- give assessment practices within the 18 classroom. And then there's a second piece to this that I think my colleagues have -- have, you know, jumped 19 20 onto, but how is that connected to a test like PARCC, right. Both of these (indiscernible) go through them is 21 22 important. 23 And the first thing I just want to point out is I've done a fair amount of work the past two years 24

with some schools in Denver. I worked at Denver Public

Schools in which we tried to do formative assessment's



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project with teachers around the concept of learning 2 3 progressions connected how they think about student learning objectives. That's a -- that's a (indiscernible) becoming something that many districts in 5 6 the state are doing. And one of the things we discovered -- the 7 two things we discovered -- one, this has some potential. 8 This really could be a good thing -- a good way to help 9 teachers embed formative assessment practices in what 10 they do; however, there's a major, major obstacle, in 11 that teachers are pulled in so many different directions, 12 13 and are hearing so many different voices from districts, particularly large urban districts, as to what the 14 priorities are, that it's just a different flavor of the 15 month. And if there isn't a clear voice saying 16 17 assessment -- formative assessment principals and what 18 you do, that's what we do every year when we do professional development. That's always a piece of what 19 If there isn't a clear message on that, it's very 20 hard on the back end to create the right professional 21 development opportunities to help this work, because any 22 23 good formative assessment practice is going to take time. 24 It's going to require an investment of time and resources for teachers to work collaboratively. And if that's not 25

built into the school day, it's very hard just to hope



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2 for, or just to legislate it, right. 3 The second piece to how it connects to the PARCC assessment -- and -- and I think this is really 4 important -- again, with my earlier cloak that PARCC 5 6 should be seen as, not a finished product, but as an 7 evolving enterprise. I think it's also important for us to appreciate that although the Common Core has been with 8 us for some time, for many teachers, the Common Core 9 doesn't become real until they see these actual questions 10 11 that are designed to assess the Common Core. As this spring is the first time that's 12 13 happening, I think we need to see a little bit whether there might be a little bit better alignment, or little 14 better sense that what they're doing in the classroom for 15 16 learning activities is seen as being more connected to 17 the -- the PARCC test at the end of the year now that at 18 least had this first opportunity to see some of the tasks, and to have feedback that comes back to PARCC that 19 20 obviously some makes improvements on -- on the tasks. 21 And just one tiny anecdote to illustrate what I mean by this: I have a student that's in -- a son 22 23 that's in fifth grade. And the -- his fifth-grade 24 teacher sent us an email, at one point, a few months ago 25 and said, here is a practice test for PARCC that focuses



on fractions, right. Please, work on this practice test 2 with your student at home (indiscernible), right. 3 And now, let me -- there's nothing wrong with that, per se, but if the teacher had just 4 said -- this is a small tweak -- but if the teacher had 5 6 just said this we've been working on units to help your student understand fractions for the last month. You've 7 seen the assignments we've (indiscernible). You've seen 8 the activities and the focus of those activities on how 9 to (indiscernible) fractions. 10 Now, here are tasks that are also along the 11 12 same lines, getting at the same idea, and understanding 13 that are the PARCC test. This is what your kid will be tested on. It's a small tweak, but what it says is 14 first, and foremost, here is what we're trying to 15 16 accomplish in the classroom. Here's the -- what --what 17 your kid to know and understand, and now here's where you see this reflected on the PARCC test. That's where I 18 think we need to be at. That's the hope of where this 19 20 would all (indiscernible) there be greater alignment. MS. FLORES: May I have another question 21 (indiscernible) follow-up question? It has to do with 22 23 time. How much time do we need to get there for teachers 24 to -- to get there (indiscernible) to get to the point where they can do well on PARCC? Most of you 25

have -- have said that this is a better model for a test



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than (indiscernible) models, except that it's just too 2 3 much. MS. SHEPARD: Well, I was involved in 4 (indiscernible) that U.S. Department of Education held 5 6 regional hearings in four sectors of the country prior to launching the race to the top monies that funded PARCC 7 and Smarter Balance development, and we urged them not to 8 us it to make operational tests, but that if they wanted 9 to -- to benefit from the research money that they were 10 11 pouring into trying to develop next generation assessments -- large-scale assessments, but at that time, 12 13 they actually had the ambition that they would be largescale and formative in just the way I've described the 14 literature said they should be. We said that would be 15 16 undermined if they went to operational tests immediately. 17 And they thought oh, no, three years is a long time. And I was an old woman, and I said, no, it isn't. 18 19 And I think that they -- that they should have understood that it would be a five-year development 20 period, and then after they had the actual 21 (indiscernible) what you see now -- the technological 22 (indiscernible), it would be at least three to five years 23 24 of piloting with volunteers, because we have lots of experience with curricular interventions. And they take 25



several years for feedback, and it -- what's interesting 1 2 is in the high performing countries that we keep trying to imitate with our -- you know, we need to score higher 3 on standardized test, we are ignoring in Singapore, in Finland, in Japan how much teachers coming back together 5 6 to talk about this work, and didn't work, so a lot of the testimony here if those teachers were involved in saying 7 what they liked about PARCC -- because some of the kids 8 got -- get excited about oh, this is really interesting, 9 but in the context of a pilot, it is a very different 10 experience for those same kids that have a lot of 11 resentment about this. 12 13 Had they been able, with the support of their teachers, to try it out, and then to say what they 14 were good at, and what they weren't good at, so I'd say 15 five years of development. That -- so that's been fore-16 17 shortened, but at least, three to five years of 18 implementation pilot work. 19 MR. WELNER: So I -- I -- a quick point, 20 because I don't -- I don't necessarily disagree with that, but I have a very different perspective on it I 21 I mean, it's -- all the time in the world isn't 22 23 going to change the nature of the incentives and 24 disincentives involved, so as long as we're talking about -- and the -- the way that -- that Derek's son's 25



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- 1 teacher responded to the -- to the PARCC test, I don't 2 think it's because of time, I think it's because of incentives. It's -- it's because what that teacher is 3 thinking about is the importance of this test, not about the importance of teaching. 5 6 And I think that there's a -- a real danger 7 and -- and yes, it makes more sense to -- to -- to spend more time working out all of the -- these issues, and 8 9 developing, and learning, but as long as we set up a system with the incentives -- these -- these -- these 10 tests can be in the form of capacity building. They can 11 be in the form of resources, but as long as you attach 12 13 the high stakes to them, that's going to be how it's perceived within the school and the teacher. 14 MS. SHEPARD: But we don't disagree at all. 15 I think that 's in -- I think that's in the research 16 17 literature about teacher attitudes about what it 18 represents, and the exact same task delivered as curricular resource is treated completely differently, so 19 20 we -- we don't disagree. 21 MS. FLORES: Okay. 22 MADAM CHAIR: Jane.
- So much to think about all the time

MS. GOFF: Thank you.



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      definition, or outlook, or perception of two words:
      authentic assessment, formative assessment. Are they the
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      same in your mind, or not? And I like -- and I want to
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      get into the weeds about where some communication gaps
      have been, and some of the cannons we've jumped over a
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      little too soon, and just talking about (indiscernible),
      but is there -- is there a difference, and -- because I
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      know among educators and I've used it -- I've used the
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      word when I was teaching. That's how I viewed the world
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      of assessment. It needs to be (indiscernible). It needs
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      to be something that will be relevant, that will apply,
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      that brings together PARCC (indiscernible).
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                   All of their experiences -- and -- and to me
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      it's (indiscernible) demonstrate ability competency and
      mastery, so I'm just curious in the -- in the undergrad
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      and teacher prep world, and in the practitioner world,
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      do -- are you hearing a difference between those two
      words? (indiscernible) --
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                   MS. SHEPARD: There are two
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      literatures -- yes, so I could explain --
                   MS. GOFF: -- (indiscernible) might --
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                   MS. SHEPARD: -- that.
                   MS. GOFF: -- help a little bit.
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                                                      In -- in
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      the teacher prep programs right now, which I guess it
      would probably be within the content methodology that
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1 (indiscernible) areas, but is there -- is there a chance 2 for, like, for teacher candidates to actually spend a lot 3 of time in their content circles talking about this stuff, and learning about the differences, perhaps, between formative, interim, summative, authentic, 5 6 whatever terms are used in that case. I'm -- I'm -- I'm an advocate for all (indiscernible) by far. I've always 7 felt we might be missing the boat -- missing out on 8 the -- the contribution that the non-PARCC'd, CCAP'd, 9 TCAP'ter could bring to this conversation. 10 I think Colorado has made it very 11 (indiscernible) within our standards (indiscernible) I'm 12 13 curious as to how good teachers, and test developers, advisors, are looking at that whole realm of 14 exactly -- with what you said thinks about why are we 15 doing this, and is it -- is it measuring what we are 16 17 hoping to (indiscernible). MS. SHEPARD: I just want to invoke 18 the -- the literature from the '90s, just because I think 19 20 that I can follow exactly what you said, and make them the same, but because they're sort of a literature from 21 the '90s that used authentic, so think Grant Wiggins, for 22 23 example, and authentic meant, as you said, that the 24 character of the tasks, and the -- it was sometimes used 25 synonymously with performance assessment, so making what



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we ask the kids to do authentic to real world uses of 1 2 knowledge was the authentic assessment literature. 3 The formative assessment literature, of 4 course, assumes that, right. So they are overlapping 5 6 ideas, but the formative assessment refers more to the process of how the teacher uses it interactively with 7 kids, so it's a writing task. They don't need call it a 8 test. They call it an assignment, and they're working on 9 this set of tasks, and then a kid sits and author's 10 11 chair, for example, and the kids in the classroom learn to ask questions that might help; have you thought of 12 13 doing this to improve your work. And we model feedback as an example of a process that's part of the formative 14 assessments iterative. 15 16 So yes, about authentic tasks, but now we 17 move over into this furthering of how would we interact around the authentic task to further learning, and that's 18 the formative assessment literature. 19 20 MS. BANKES: When you first posed that question, the -- two incidences that came to mind for 21

of that is, the process. Just as you've said is, to say, you know, these are the identifiable parts. These are

Those are our authentic assessments. The formative part

authentic assessment is history day and science fair.

Kids are



1

set to their own interests, so that they can take that

interest and use that template and process, in order to

pull together their authentic assessment. Then

they -- their audience becomes the adults, who have

the components. You teach those components.

- 6 volunteered to come in, and have that level of
- 7 conversation.
- 8 Those are the two -- and I say those two,
- 9 because that's what we've just done in this last
- 10 semester, so it's really on my mind, but that authentic
- 11 piece, really talking to people who make a difference.
- 12 So you see a lot of community service projects in the
- 13 same vein. It takes more skills than sitting around
- talking about it, reading a book, getting research,
- 15 looking it up on the computer, and being able to talk to
- 16 your (indiscernible) about when you extend beyond the
- 17 schoolhouse walls, and be able to talk to people who are
- 18 not in the same classroom with you; that have other
- 19 experiences that bring to it; that's what makes it
- 20 authentic.
- 21 That formative piece has to happen prior,
- and the end result would be your authentic.
- MS. SHEPARD: And -- and to your point, we
- 24 do include it in the pedagogy --
- MS. BANKES: We do.



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1
                   MS. SHEPARD: -- of teacher preparation
2
      embedded in content methods, right. It's -- because how
3
      would you possibly teach teacher -- teacher candidates
      how to teacher writing without having it just be all of a
4
      piece how they are assessing, giving feedback, et cetera,
5
6
      so it's -- it is the pedagogy. The assessment is
7
      seamless with the pedagogy.
                   MS. GOFF: I quess -- I quess my drill down
8
      (indiscernible) granular about it, within content areas
9
      that are not necessarily goals based, so we know that
10
11
      English language arts now teachers will have a -- they
12
      have unique needs, and yet, there are certain areas of
13
      teaching in general, whether it's music, or art, or
      foreign languages, or just (indiscernible), so the
14
      authentic part of life in assessing, and experiencing,
15
      and -- and providing those kind of authentic
16
17
      opportunities, every -- every content area
      (indiscernible) has something to add to that possibility
18
      list. So I'm just curious as to how we're -- and
19
      I'm -- I'm (indiscernible) -- where the -- where the
20
      emphasis is these days on preparing teachers for
21
      authentic teaching? (indiscernible) --
22
                   UNIDENTIFIED VOICE: (Indiscernible) --
23
24
                   MS. GOFF: -- the process is that it takes to
      get here, and (indiscernible) time involved. I would
25
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1 totally always agree with you about the value of 2 letting -- letting these people in and saying 3 (indiscernible) and just giving the opportunity to talk about the (indiscernible), and get ideas from each other. 4 MS. SHEPARD: No, we have to call it out as 5 6 methods, but what is interesting since the era when I was 7 being trained versus how we train teachers now -- and this does come from the Cognitive Science Research -- is 8 that we don't offer a general teaching methods course 9 10 anymore, like, you can learn strategies that generalize. 11 There are some, for sure, management issues that 12 generalize, but most of the methods that you need to know 13 to be a good math teacher, and how to assess mathematics, and engage kids in those activities, have enough 14 difference that we have to teach you how to do math 15 16 assessment, and we have to teach you how to do science 17 assessment, and we have to teach you how to do literacy 18 assessment. 19 We can draw connections between how they're 20 the same, so a -- a student's mental attitude about 21 hearing the feedback and taking risks, and being a willing learning, that's a generalizable skill across, 22 23 but a lot of what we teach about assessment methods is 24 within the content -- each content area separately. UNIDENTIFIED VOICE: The overall umbrella of 25



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life (indiscernible) district (indiscernible) school
1
2
      there's also -- and I -- I believe this is true, every
      educator has a desire to see where they hit on being able
3
      to contribute to the overall success, so it's -- it's
      having the opportunities to talk about their own -- their
5
6
      own realm (indiscernible) with other (indiscernible).
                                And part of that is, on a
7
                   MS. BANKES:
      professional development and the PLC time, where my
8
      student teacher, who is a -- a lower-performing school,
9
      and I had spoken to this earlier before the meeting had
10
11
      started, where in this school they don't score very well,
      as far as the state's report card is concerned, and yet,
12
13
      when I go into that classroom -- it's public charter
      school in El Paso County; it's a middle school -- when I
14
      go into that school, the teacher is a -- she's -- she's
15
      not a -- she's a student teacher, but she's getting her
16
17
      master's in reading and writing. So in her classroom she
      has students who have behaviors that perhaps would not
18
      allow them to finish out a school year.
19
20
                   She is able to teach the kids through using
      the processes that we're talking about to be able to
21
      write a page to a page and a half willingly over time,
22
      and that -- that's a couple of things that need to be
23
24
      incorporated in making sure that the message that they
      get, in order to be able to competently teach in their
25
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1 content area, is that they have the smaller classroom sizes so that they can get to the students, and give them 2 that feedback. But she's able to get them to write a 3 full page, page and a half. They self-edit. She's got the checklist. They self-edit. And they turn out really 5 6 good -- good pieces of paper for seventh graders on maybe something very close to them, like why shouldn't the 7 school allow us to have cell phones. That's a -- a 8 9 really common one. Two other things about the difference 10 11 between wearing uniforms in school having -- being able to wear whatever you want on the street, and the 12 13 ramifications of being able to wear whatever you want on the street because it sends a message. So those deeper 14 thinking skills that apply to their lives. 15 I know some of the kids, because I taught in 16 17 that school myself. Actually, I was the assistant 18 principal in that school before. So there's no anger in that school. There's no -- there's no confrontation. 19 20 It's an opportunity for that process to -- to bubble up to the top. This is what we're going to do. This is how 21 it works. These are the folks that you're going to share 22 that with, and then it moves out of that school and into 23 24 another arena, so that they get an opportunity to share outside of their school walls. 25



1	And that comes from what we're talking about
2	the methods that they get in their methods class before
3	they even set out into the classroom, and then once
4	they're in the school, to have that alignment between
5	school principals, and the district, and what's expected
6	out of that school. Professional development provides
7	that, if there's enough time for it. My concern is, with
8	all the data and I did bring a calendar from one of
9	the school districts in El Paso County that you don't
10	have to be able to see each of it, but this is this is
11	the calendar for elementary school. It covers March,
12	April, May. It's all testing. This is the middle
13	school; March, April, May, it's all testing. This is the
14	high school and March has got a lot of testing, and May
15	has a lot of testing. A lot of testing time comes out of
16	there.
17	The PLCs the professional learning
18	communities are drilled down to; what are the test
19	scores; how how did the kids test, and it takes away
20	from exactly what you're saying. Thank you.
21	MADAM CHAIR: Another question?
22	Dr. Scheffel.
23	MS. SCHEFFEL: I'd like to ask about the
24	test itself. (indiscernible) test. About how many
25	(indiscernible) and what's your opinion of them? Are



- they really as rigorous as we hear they are? Is this
- 2 what we want testing to look like for children? Is this
- a good measurement of what they're learning, not
- 4 accountability for schools, or teachers, or anyone else?
- 5 Is this a good way to assess whether children are
- 6 learning what we want them to learn? (Indiscernible).
- 7 MS. BANKES: That -- that's a hard question.
- 8 It -- it -- it really is a hard question.
- 9 MS. SCHEFFEL: I think that's the hard
- 10 question.
- MS. BANKES: It is. It -- it honestly is.
- 12 I quess I've been at this long enough. It -- it's
- 13 whatever comes down we take a look at it, and we say we
- 14 will -- we will rise up to meet it. Whether it good or
- 15 not, I -- I'm not in a position to -- to say if it
- measures what we want. We do want some accountability.
- 17 We do want to be able to say that our kids are learning.
- 18 We do -- we have a high military population. We want our
- 19 kids to have in our -- depends on how you outline El Paso
- 20 County. I have anywhere from 10 to 15 school districts.
- 21 We want our kids to be able to go from one school
- 22 district to another school district across the country
- and be on level for where they're going. I think that
- it's -- it's a place for that.
- 25 How to measure that? Is this a really good



1 test? I -- I can't speak to that. 2 MS. SHEPARD: I -- I think I can say that it 3 is a better test than a whole generation of state assessments. It is possibly, even, that I would have to look at more and more -- I've yet to say this, but I 5 6 think it's conceivable that it would be -- you would say 7 that the content covered in the language arts and the content covered in the mathematics assessment is even 8 better than the -- than the current national assessment, 9 because some of the motivations for how nationals 10 11 assessment is trying to change -- national assessment in the validity studies work that we've done over decades 12 13 has actually tried to "assess" higher-order thinking and higher-level --14 MS. SCHEFFEL: Do they do it (indiscernible) 15 16 NAEP? 17 MS. SHEPARD: NAEP, yeah. 18 MS. SCHEFFEL: Yeah. 19 MS. SHEPARD: Yeah. So the -- has tried to 20 measure higher-cognitive demand, and those things keep glopping out of the (indiscernible), because truth be 21 22 told, from the measurement expert's perspective, things 23 that you intended to ask for application of thinking can 24 feel very ambiguous to the students, so it's one reason that the actual assessments struggles to do this. 25



1 I think PARCC is struggling to do it. 2 very hard to do it without a curriculum, but to give you some context, I think it is definitely substantively 3 better than CSAB and TCAP. I think it is possibly on par with PISA, so if you want a large-scale 5 6 assessment -- now, I don't want every kid in the country to be tested with this good test, I'm not arguing for 7 that -- to some of the points -- but just look at it, and 8 would you want any one of those tests to be brought into 9 a classroom and used with kids? I would. 10 I think it's probably in the same general 11 category as the new versions of the advanced placement 12 13 exams, so it's not -- so it's grade appropriate, but it's -- they're trying to do the exact same thing: more 14 open ended. The thing about advanced placement that 15 PARCC doesn't have, advanced placement you know for a 16 17 year you're studying for that and there's curricular resources to go with it. That's not true for PARCC. 18 PARCC suffers from some of the things that Kevin has been 19 20 talking about, which is people are trying to use it as a policy lever that they -- in our national politics they 21 don't want to curriculum. I don't want a curriculum 22 23 either. It's very hard to build challenging, reasoning, 24 with content assessments without a curriculum, and that's 25 what they're trying to do.



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1
                   MS. SCHEFFEL: (Indiscernible).
2
                   MS. SHEPARD: Pardon?
3
                   MS. SCHEFFEL: What will be coming soon
      (indiscernible)?
4
                   MS. SHEPARD: Well, I think it -- people
5
6
      invented to do their own practice toward it, and they do
      some good instances of it, and some bad instances of it,
7
      but it's -- it's what you get when you want the test to
8
      be the policy lever. You don't have a content reform in
9
      your district. You have a policy lever from the top.
10
11
                   MS. SCHEFFEL: (Indiscernible) standard is
      always (indiscernible) --
12
13
                   MR. WELNER: Well, I think that's --
                   MS. SCHEFFEL: -- (indiscernible)?
14
                   MR. WELNER: Your -- your question earlier
15
16
      about, like, let -- let's focus on the test, and not the
17
      high stakes, or not the accountability, and I -- and I
18
      think -- that -- that makes sense, in terms of, sort of,
      analyzing the quality of an assessment to the test, but
19
      I -- but I think that, like, the -- the -- if we think
20
      about do we have a test worth teaching to, I think the
21
      answer always is no. And -- and you know,
22
      the -- the -- the --
23
24
                   MS. SCHEFFEL: There's never
      (indiscernible) --
25
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1
                   MR. WELNER:
                                -- highest -- I think that
2
      if -- if we think about the, sort of, school we want our
      kids to be in, I don't think we want them to be being
3
      prepared for a test day in and day out. And that the
4
      nature of a test -- if -- if we have -- what is it
5
6
      11 hours, I think (indiscernible) -- you would need a lot
      more than 11 hours to -- to try to bridge -- try to bring
7
      in the scope of what you really want a rich curriculum to
8
      be, and even then, I think you'd have a problem. And so
9
10
      we're complaining, I think, quite rightly about a very,
11
      very long assessment.
                   And the -- the -- separating the quality of
12
13
      the assessment from how the -- how the assessment is
      being used, I think, can -- can lead us, in some ways, to
14
      the wrong question, even though I think it's an important
15
      question. I think it can lead it us to -- to the wrong
16
17
      question if what we're trying to do is to understand the
      role of test within a system. So yes, if you have -- if
18
      you have a test that you're designing as a test to be
19
20
      worth teaching to, or a test to be taught to, then
      essentially what you're doing is saying, backwards math
21
      from this test to a curriculum, and then you end up with
22
23
      what you're asking (indiscernible).
                   MS. SHEPARD: I do think -- I want just put
24
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one thing you said. I -- I did -- I agree with it in



1 spirit, but I think when we think about the ill effects, 2 there is a distinction that's worth making. Standards are the curriculum. They are a curricular framework, but 3 then what happens because they are not deeply developed, as curriculum -- and I am not advocating that we have the 5 6 national or even a state curriculum -- but in the 7 countries that people keep trying to be like, they do have assessments that are built to their curriculum, and 8 the studies that have been done of high-performing 9 countries notice that in some of those countries -- they 10 are national curricula -- in some of the countries that 11 do better than we do, they are provincial curricula, but 12 13 they have the rich spelling out of how we will teach it. And many of the features of what happens 14 wrong in this country when we try to just impose a test, 15 is what we're trying to -- not we, but whomever, is 16 17 trying to get away with imposing something like a curriculum with the -- the lever that they have. And 18 that's what leads to all this shallowness though, because 19 20 then in some places and -- there's a researcher at Harvard that has looked at this extensively -- there's 21 22 very unequal ways that equal then try to get ready for the test, and well-resourced schools and districts have a 23 24 richer way of preparing for that test in ways that preserve the breadth and the richness that we're talking 25



- 1 about.
- 2 And then under-resourced schools do, kind
- 3 of, a cheap version of trying to get ready for it, that
- 4 has many of these layers of negative effects. So we are
- 5 in agreement about why using the tests to drive how
- 6 people teach is having many more negative consequences
- 7 and is very different from what people are hoping for
- 8 when they impose the test on the sanctions.
- 9 MR. BRIGGS: So just let me weigh in on this
- 10 a little bit. There's a couple -- so let me first try to
- 11 take your question at face value without getting to
- 12 the -- the context of the particular use, as far as
- accountability, and just do we think this is a good test.
- 14 Let me put it this way --
- 15 MS. SCHEFFEL: I know it's your baby.
- MR. BRIGGS: Well, it is sort of my baby,
- 17 but let me put it this way. This is a very cynical
- 18 statement I made when I first the TAC when all the hopes
- 19 and aspirations in the world were being laid on both
- 20 PARCC and Smarter Balance -- and it's worth remembering
- 21 that right now we focus on this, sort of, combined
- 22 performance-based assessment end-of-year test that is
- 23 part, but initially, PARCC was envisioned as actually
- 24 something where the model was there would be testing
- 25 throughout the year at various points, so that



there -- it would be more connected so that -- such that, 1 2 you know, there would be some curriculum -- whatever 3 the -- the school has in place, and then there would be a testing point. Then there'd be curriculum, and then there'd be a testing point. It wasn't -- it was trying 5 6 to break away from the idea that there's just this one 7 end-of-year test. In addition, there was always a notion 8 9 that -- that beyond the summative use, there would be a 10 formative component. There would also be the interim 11 components. Then it would be a whole assessment system, and we tend to focus only on the summative piece, but 12 13 my -- my cynical comment up-- upfront when I joined the TAC was that if all that happened was that the states got 14 together and through economies of scale threw all their 15 16 existing items on the table, and designed a 17 (indiscernible), and just picked what we thought were the best items, do we think we'd at least have a better test, 18 because every state probably has their sticker items, and 19 20 we got rid of those, and we keep the best items. Would we at least have a -- a test that was better from what 21 22 went on before? My answer is yes. 23 That just through economies of scale having 24 the -- the -- the states pool resources, bring together the best and the brightest, have them submit it the great 25



1 scrutiny through the form of Technical Advisory 2 Committees, and other commitment in the other committees that were formed, I think that you're going to see a 3 better product. So I think my worst-case scenario is 4 that we still have a better test. 5 6 Now, in addition to that, I think there are 7 reasons to believe that -- that there is a fairly high quality to -- and -- and I base this on just my looking 8 through the practice tests that were available for the 9 kinds of questions that are there -- and it's worth 10 11 giving a specific example, because I find that a lot of these conversations about PARCC are so abstract and up 12 13 here, that it helps to get very specific about what we're talking about sometimes. So let me try to be as specific 14 as I can about one particular way that I think the PARCC 15 tests are quite different, especially in the content area 16 17 of mathematics. In the past, fractions -- the understanding 18 of fractions -- this is actually something that 19 20 mathematicians see as a really key building blocks for students as they move out of elementary school and into 21 middle school, where the focus is greatly on proportional 22 reasoning. Basic understanding of how to work with 23 24 fractions and manipulate fractions, and use them to solve problems is a really important skill. 25



1 Now, on the CCAP in the past, if you look 2 at -- for released items on the CCAP -- and I did -- and you look for what items can you find that -- that assess 3 how well students understand fractions as of grade five. Here's an example of an item in grade five released from 5 6 the CCAP in the past. And the item shows a -- a graphic of a pizza where there are eight position holders for 7 that pizza, and three of those positions include slices 8 of pizza that are left. Okay. And the question asks, 9 10 "Ricardo brought home a pizza from the class party, as shown below." Okay. And it says, "What fraction of the 11 pizza did Ricardo bring home?" And so to answer that 12 13 question correctly, you need to count there are eight total place holders, and there are three out of eight, so 14 the correct answer is three-eights. Now, this is very 15 much a -- a relatively low-level question about 16 17 fractions, is can you identify a fraction in a graphical 18 picture. 19 I want to contrast this with a Okay. 20 question on fractions that I pulled from the PARCC practice test, and it's a two-part question. The first 21 part says, "Amar (ph) put four-sevenths of the money he 22 23 earned raking leaves in the bank. He spent one-third of 24 the money on a book. Part A: drag and drop the 25 fractions into boxes to create an expression with common



1 denominators that can be used to find the difference between the fraction of money Amar put in the bank, and 2 the fraction spent on the book. Fractions may be used 3 more than once, or not at all. Drag and drop the fractions into the appropriate boxes." And there are 5 6 eight different fractions that you can choose from to put into these two boxes. And then Part B then asks you to 7 solve the problem by finding the common denominator, and 8 then finding the difference between the two fractions. 9 10 So I just think, as a very concrete example 11 when we're talking about a particular area where there's a greater emphasis on fractions, and you can see this, 12 13 not just in one grade, but as a -- as a running stream from grades three, four, five, and a little bit into six, 14 but especially three, four, five. You can see very 15 16 starkly the difference in what is being asked of students 17 and what is being hoped for, in terms of their complexity of their understanding of their reasoning from what was 18 on the CCAP in the past to what is on PARCC right now. 19 One last point I will make, which is related 20 I -- I share my colleagues concerns about 21 to this. possible distortions, due to teachings and tests, and 22 that those are very difficult distortions to avoid. 23 24 There is though, one interesting conundrum, which is that I think one of the reasons the testing time on PARCC is 25



1 so long has been incorporation of these performance-based 2 tasks that are attempting -- in -- in your words, to be 3 more authentic, in terms of the kinds of things students would actually encounter in the real world. 4 This is one of the reasons of adding a great 5 6 deal of testing time onto that. Now, there is a hope 7 that, to the extent that teachers react and -- and schools react to what is going to be an end-of-the-year 8 9 assessment is saying this is now what is going to be valued as to what goes on in the classroom. If we think 10 those performance-based assessments, which really invoke 11 12 greater depth of knowledge and reasoning, if that could 13 lead people to -- teachers to incorporate better activities -- deeper and richer activities into the 14 classroom, because they saw that that was being flagged, 15 16 and targeted on the end-of-year assessment, as being 17 important. That could be a positive outcome. And that -- I -- I think it's important not to throw that 18 piece away and I don't think we can have our head in the 19 20 sand. To the extent that we think there should be 21 an end-of-year assessment at all, and even if it -- it is 22 not tied to accountability, but if it's tied just to 23 24 other -- other summative purposes, perhaps, I think it's important to realize that there needs to be a connection 25



that teachers see between what they're doing day-to-day 2 in the classroom, and what's being signaled as -- as being valued important for the -- by the state on the 3 end-of-the-year assessment. 4 MS. SCHEFFEL: One quick follow up. 5 6 (indiscernible) to brief in our answers (indiscernible). We're running out of time quickly. Can we -- in your 7 opinion, do you expect the students of Colorado to do as 8 poorly on those tests as say the students in New York? 9 And if so, what do you expect to be the response on a 10 policy level? What -- what will that then require? 11 MR. BRIGGS: Well, let me -- let me start 12 13 with that. I think that part of that is -- is a problem in communication (indiscernible) have. I think we -- we 14 sometimes refuse testing to instead of there being a 15 16 continuing of performance on the test, to the cognization 17 of performance on the test. You either pass the test, or you don't pass the test. And people will often look for 18 a particular point on that threshold and say well, he did 19 pass the test or he didn't. 20 If we take that perspective, and then we 21 just look to the new test, and say well, a level -- a 22 level four is consider a student that is on track to be 23 successful in college and career after they finish their 24 public education, and we dichotomize that into pass not 25



- 1 pass, and we compare it that so the dichotomization point
- on the CCAP, which was asking a fundamentally different
- 3 question, which is fundamentally is the student have the
- 4 minimal skills necessary to go on to the next level.
- 5 These are asking some of different things I think, and so
- 6 it's not the pass, not pass comparison. It's clearly
- 7 going to show -- if you take that perspective, it's
- 8 clearly going to show fewer students passing on PARCC
- 9 than were passing on TCAP, but they're fundamentally test
- 10 written to different standards, so what that
- dichotomization is conveying is itself fundamentally
- 12 differently.
- Now, that said, I'm not naïve. I do think
- 14 that it's quite likely that many people will, in fact,
- 15 perceive this as being that students in Colorado have
- 16 dropped in their performance if they don't take a -- a
- 17 closer --
- 18 UNIDENTIFIED VOICE: Well, actually, that's
- 19 not actually what I was (indiscernible) assuming, but
- 20 (indiscernible) our children were not taught.
- 21 MR. BRIGGS: Yes, and so -- so I think
- 22 that's exactly --
- 23 UNIDENTIFIED VOICE: And they are not going
- to do well on these tests.
- 25 MR. BRIGGS: -- I think it's exactly right



1 that this is a very hard test. Everything we've seen 2 from pilot tests, and field test data, other test that 3 have begun to implement tests the one to the Common Core suggest that you're going to see a lot of students struggling; students that didn't struggle before will 5 6 struggle on this material. And, you know -- and I think this is a -- one real question as to whether I -- I 7 started out by saying I -- I would love see PARCC seen as 8 an evolving enterprise, and I would love to see there be 9 again -- this is very much, I think to Lorrie's original 10 11 point, was it would have been so much better if there would have been this period to pilot these things for a 12 13 number of years with the curricula, so the curricula could catch up to the assessment, and then we would 14 essentially see whether what we're seeing is 15 fundamentally a harder test, or just a misalignment 16 17 between what is being assessed and what is being taught. 18 MR. WELNER: And there's -- there's an -- there's a related issue here, so -- so your 19 20 question -- and I think Derek's response address issues 21 of cut scores of pass, no pass, but there's also, as you know, we -- we focus a lot on growth. 22 23 there's -- there's a related issue here dealing -- if you think about the old basic skills test that back to the 24 '70s or some of the earlier tests you had a -- you had a 25



1 major problem with ceiling effects, that -- that you couldn't -- if you were looking at growth, and you were 2 3 looking at a fairly easy test, you're not going to have a score right at the top before and after. You're not going to see what -- demonstrated through the test you're 5 6 not going to see the -- the student's growth or learning. With these more difficult tests, we 7 now -- we now have the potential for a floor effect. 8 if you give me a test in quantum physics now and a month 9 10 from now, it's just going to be measurement error either way, right. And -- and so if there's a -- if you're not 11 testing -- if -- if a test isn't sensitive to what's 12 13 actually being taught, and picking up the -- the learning that's taking place, and it's -- it's just too difficult, 14 then we can't see the growth that's actually taking 15 16 place. 17 MS. BANKES: As an old fifth-grade teacher, 18 I want to compare the -- I want to compare the two problems that you read; one about fractions, you know, 19 20 how many -- how many pieces of the pizza are there to the 21 second question. We're pre-supposing on that second that the student can read. And any of us who have been in the 22 23 classroom knows that because somebody is a really good 24 reader, does not necessarily know the complexities of -- of math, and -- and conversely is true as well. 25



1 Somebody may know math really well, but they may not be able to read as well, and understand as well, 2 3 so that second question to go back to is this question -- is PARCC really asking what we want to know, I think we have to make a distinction about what it is 5 6 that we expect kids to have as skills to come in to read 7 as much as they are being asked to read. MADAM CHAIR: 8 Steve. Thank you, Madam Chair. 9 MR. DURHAM: Thank you, Madam Chair. I apologize to the panel and my 10 colleagues for my tardiness. 11 I have a, kind of, a practical question I'd 12 13 like to ask, based on legislation that passed last night (indiscernible). To revamp Colorado's testing in the 14 following way: grades 3 -- 3-9 would continue to take 15 16 PARCC; grade 10 would take ACT Aspire; grade 11 would 17 take ACT. 18 And then on top of that, districts -- apparently, any number of districts, would 19 20 be allowed to develop a pilot test, and administer the pilot test in addition to these tests for two years to 21 try and demonstrate comparability, so thus we would have 22 23 an additional test on top of the prescribed tests that I mentioned earlier. What, in your opinion, is -- if -- if 24 you were in charge of the school district, would you



20

21

effort.

- 1 become part of a pilot program and add those tests for 2 two years? 3 MS. SHEPARD: Let me clear a couple of things, because I've been involved in some of those --4 MR. DURHAM: How about yes or no, if you 5 6 don't mind? I'm just -- would you -- would you advise your district to become part of the pilot or not? 7 MS. SHEPARD: I would not, because we aren't 8 getting rid of any of the other tests. 9 10 MR. DURHAM: Thank you. 11 Ma'am. 12 MS. BANKES: I -- I gave more than a one-13 sentence answer. When the districts asked me so I don't know if you want to hear the slightly longer answer or 14 not. 15 16 MR. DURHAM: Okay. Go ahead. 17 MS. BANKES: I said they should, if they were really serious about developing instructionally 18
- MR. WELNER: Very simple. Very -- very
 similar answer because the -- the nature of -- of
 developing the alternative is not simply a matter of
 flipping a switch. It would take a lot of work to -- to

relevant tests for that stake, but if they were doing it

just to get out of PARCC, I thought it would be misspent



- do what -- to do right.
- 2 MR. BRIGGS: I -- would just echo what my
- 3 colleagues Lorrie and Kevin have just said.
- 4 MR. DURHAM: So the collective answer is
- 5 probably no is your general rule?
- 6 MR. BRIGGS: If they're willing to invest a
- 7 three-year development process, and they're -- the -- the
- 8 source of resources that we saw, and the number of
- 9 parties involved that we saw PARCC (indiscernible) --
- 10 MR. WELNER: Or -- or consortia. In other
- words, district getting together and developing something
- together might be worth the effort.
- 13 MR. DURHAM: What's the -- what's the down
- side to students to subjecting them to an extra test?
- 15 There don't appear to be -- there don't appear to be
- taking the test in record numbers, as is, so what's the
- 17 down side in those districts where you mandate an extra
- 18 test to the students?
- 19 MS. SHEPARD: Time away from
- instruction -- classroom instruction, because you hadn't
- 21 gotten rid of any of the other tests that they are asked
- 22 to take.
- I do want to say something that is related
- 24 to what happened last night that I think the Board could
- 25 be instrumental in pursuing, and it's something I asked



Derek and other members of the Technical Advisory 1 2 Committee to PARCC to be thinking about, and given the pressure coming from other states, I think there is a 3 window of opportunity here to ask PARCC to think about shortening its test, and using a sampling procedure, and 5 6 possibly an equating procedure to get at the fact that many of the kids who are to -- taking a test that's over 7 their heads, it would be possible to administer slightly 8 easier tests that were on the same scale, as the harder 9 There's some -- there's some technical things 10 tests. 11 that could be done if people got clear about what they wanted PARCC for, and took away some of the necessity to 12 13 give every student the long test, and I just think that that's kind of another whole meeting, but you have some 14 of the power to be pressuring your consortium to think 15 that way so that might be something worth a follow-up 16 17 conversation. 18 MADAM CHAIR: (Indiscernible). 19 MR. DURHAM: No, I'm (indiscernible) do you 20 have a response to that (indiscernible)? MR. BRIGGS: Well, I have -- I have just 21 one -- one thought. I mean, it -- I -- I agree that -- I 22 think it's very clear that PARCC -- in order to survive 23 24 has to be sensitive to its member states, and so there's no question that PARCC is very aware of -- of the opt-out 25



1 PARCC is very aware of concerns about testing 2 time, but I just want to also be clear that it wasn't 3 that PARCC developed a long test just because it wanted to developed a long test. 4 It was also being responsive to what it 5 6 thought, at the time, were the desires and needs of the states that were part of PARCC. Now, it could be that 7 times change, and -- and the desires for what PARCC is to 8 be used for are going to be changed. I will say, that if 9 it's still seen in the state that fundamentally there is 10 a -- there is a desire for high-stakes teacher 11 evaluation -- and let me put to the side whether I think 12 13 that's a good or a bad idea -- but let's say that we do have something like SB 191 remaining, and we are going to 14 evaluate teachers with stakes attached. 15 I think there's a real question to be asked 16 17 of to what extent do you think evidence of student 18 learning should figure into those evaluations. If you think they should, the question is, what are you using, 19 20 and how comparable does it need to be. The more that you put weight on comparability, and objectivity as being 21 22 something that's important to you in an evaluation 23 system, the harder it will be to pull off some of the technical solutions that Lorrie is alluding to that 24 involve sampling of some students, and not others, or 25



1 shortening the test in certain ways that would suggest 2 that it's no longer measuring what we thought it was measuring originally. I'm just saying that creates 3 attention (indiscernible). 4 So if -- if there was a change in the state, 5 6 in terms of what was seen as the need for -- so for 7 example, if we went back and said, we still believe in accountability, but it should be at the level of grades, 8 or it should be at a level of a school, and we don't 9 think that information -- test-based information on 10 11 growth, or for learning should be the feature -- or a tie to an individual teacher. That would be a very different 12 13 conversation. Thank you. (Indiscernible). 14 MR. DURHAM: Dr. Briggs, is it -- did I understand from your comments 15 16 that -- that getting the right answer on a question 17 doesn't demonstrate an understanding of the problem necessarily? Was that a fair characterization of your 18 desire to have the -- the test drag (indiscernible) 19 20 certain things in using the computer to drag that in, or if you just get the right answer? 21 MR. BRIGGS: 22 No. 23 MR. DURHAM: (Indiscernible) --24 MR. BRIGGS: I think --MR. DURHAM: -- is that again sufficient? 25



1 MR. BRIGGS: No, I think in both cases 2 there's a correct answer, but there is a question of how 3 easy it is to guess the question -- quess the answer, and to by -- by test taking skills process of elimination to figure out what is an answer without actually having to 5 6 interact with (indiscernible) task in the way that it was intended, and sort of eliciting the reasoning skills that 7 we think might be important. 8 There are also task vary, in terms of what 9 10 they're trying to get at. There might be some tasks that could be, for example, lower level recall tasks, such as 11 the one I read from the old TCAP, and those might go 12 13 along with other questions that are harder, but I wasn't making -- certainly wasn't making a point that on PARCC 14 there are items that don't have right answers. All the 15 items on PARCC have correct answers. 16 17 MR. DURHAM: The -- I'd like to delve in just a little bit to this concept of -- of trying to 18 teach reasoning skills (indiscernible) that's not the 19 term you used, but cognitive -- higher cognitive 20 skills --21 UNIDENTIFIED VOICE: (Indiscernible). 22 MR. DURHAM: Higher order reasoning. 23 24 it -- is it -- is it an accurate statement that -- that 25 that's something that wasn't taught, and that kids that



1 graduated from high school 40 years ago didn't know, and 2 can't do, or are you adding something new to -- are you 3 adding -- is there anything new in this test that -- are we -- are we going to turn out a student that's materially better prepared if they can perform well on 5 6 this test than we turned out 40 years ago? That's a very interesting 7 MR. BRIGGS: counter-factual question. I wish I had data I view to 8 bear to answer it. I will say that the nature of what 9 10 seems to be demanded of people on the workforce seems to 11 be changing. I think there is a greater demand on people being able to have facility of mathematics, do reason, 12 13 and problem solve, in -- in a more probably today than 40 years ago, but again that's somewhat of a -- a debatable 14 question, and I don't have -- it's not something I work 15 16 on. 17 I will say that what I think is just fundamentally important, and what's quite different, even 18 the way that I learned math, which wasn't 40 years ago, 19 but it was maybe 30, that when I learned math I did 20 learn -- I can still recall how I learned multiplication. 21 And the way that I learned multiplication was that my 22 23 mother sat me down in a room and made me memorize every, you know, 3 by -- 3 by 3s, and the 4s, and the 5s, to the 24 12s, and we spent four of five hours with her drilling me 25



1 on how to -- and by the time she was done I had memorized 2 the multiplication table, but I didn't really understand the concept of multiplication. And I think I would have 3 been better at the math that followed if I had a deeper understanding for why those answer -- those numbers that 5 6 I multiplied -- why that worked; how multiplication -- what -- how does it make sense; and how 7 I can reason with it. It's -- that a fundamentally 8 different way in which I think those who work in 9 mathematics education think about why math is important. 10 11 And it's not enough just to remember it well enough to answer a short recall question on a test. 12 13 Later -- and I have students that come and take statistics with me, and they've all gone through 14 elementary school where, in many cases they've gotten 15 these kinds of low, or recall questions, and they 16 17 all -- it's strange -- they all say they can't do math, and they say they hate math. And I don't -- I don't 18 think it's maybe a coincidence, because I think a lot of 19 times things that are really fun, and enticing, and 20 exciting about mathematics are not what has been tested 21 22 in the past. 23 MS. SHEPARD: I can tell you what the 24 advocates for the Common Core (indiscernible) me, but I could tell you what -- how they would answer the 40-year 25



1 ago question. They would argue that at 40 years ago an 2 elite group of college-bound students got their rich 3 opportunities to learn the very same things that they now want to make available, so we may disagree with their 4 policy about how they're going to make it happen, but I 5 6 think the evidence is there that historically people did They did get to reason with content. 7 get these things. They probably memorized first, and then they got to use 8 it in a step class or wherever they finally got to do the 9 problem solving, and now people are saying if you 10 integrate the problem solving with the memorization 11 opportunities, it gives meaning from the beginning, so 12 13 that's one whole argument. And then another argument -- and we want it 14 to be for everyone, not just a smaller proportion of the 15 16 population who used to go to college. 17 MR. DURHAM: I just have one last question. MADAM CHAIR: More questions, Steve? 18 19 No, just -- of all the people MR. DURHAM: 20 who play chess, five percent can think three or more moves ahead. Playing more chess doesn't increase that 21 number very much. They can think three or more -- more 22 moves ahead. 23 24 So the contention is that all students are

now capable of a higher mathematical outcome than



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1
      students at -- at 40 years ago, or we just didn't provide
      opportunities for those students 40 years ago?
2
                   MS. SHEPARD: Well, I -- I think here I'm
3
      not just saying my opinion. I -- I do think there's lots
4
      of evidence from Cognitive Science Research.
5
                                                     It isn't
6
      why -- is isn't easy to generalize, but the evidence is,
      if you have much more interactive opportunities to talk
7
      about your reasoning to be challenged; to have to explain
8
9
      your reasoning as you go; and teach in conceptual ways
10
      from the beginning the average student can be a standard
11
      deviation different from higher than what was average
      before.
12
13
                   So to the point about why you need to
      memorize your multiplication facts, but if you got to
14
      them from extensions that look like egg crates, et
15
16
      cetera -- I won't go into the curricular stuff -- that
17
      actually, that flexible understanding serves you well.
      And there's -- there's, I think, there's a lot of
18
      evidence about why that teaching for understanding from
19
20
      the beginning makes -- we used to think it was just IQ.
      We don't think that anymore. The amount of difference
21
      that's due to opportunity to learn is huge, and that is
22
      how the -- the -- all of the cognitive science work has
23
      shifted over the last -- I would say almost 50 years
24
      shift.
25
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1 MR. DURHAM: Thank you. 2 MADAM CHAIR: So I'm going to take a pass 3 (indiscernible). I think some of my colleagues have again, more questions. 4 UNIDENTIFIED VOICE: I'll say first of all, 5 6 Dr. Briggs, that I had the opportunity to actually take 7 (indiscernible), but (indiscernible) high math. I have a bachelors in math. I was asked questions about 8 (indiscernible) that I've never been asked before, and 9 they were general understanding of what fractions are, 10 11 and what they do, and what happens just in general when you use a fraction. It made me stop and think, and I 12 13 really appreciated that, knowing that fractions are a door to higher math, and so -- but -- but I want to say 14 that I don't know that parents understand that this is so 15 16 different from what we all experienced at school, and 17 what we've experienced (indiscernible). As an adult, I've not been asked those kind 18 of questions, but I -- the kids (indiscernible) know 19 those characteristics of fractions, and was able to go 20 on, but have them actually able to verbalize them anyway 21 It's really critical, in that, we do not know 22 before. what we are preparing our kids for. We just don't -- we 23 are trying to ensure that they can, not only learn the 24 facts, they also can adapt, especially mathematical 25



1 concepts, because we don't know what will be expected of 2 them in the next 30 years, as to when they'll be out (indiscernible) adaptation, I think, has become much more 3 important, and acceptance being much more important. 4 So I have a couple of questions. Dr. Bankes 5 6 and Dr. Briggs, I'd like you to each -- each address whether you would be more comfortable, given the 7 technology challenges that have been experienced 8 (indiscernible) state (indiscernible), should we be using 9 10 a paper and pencil? MS. BANKES: My students, after the third 11 day of yes, we're testing, no, we're not testing, would 12 13 have preferred using paper and pencil. UNIDENTIFIED VOICE: Okay. (Indiscernible) 14 grade the PARCC if we went to paper and pencil? 15 16 MR. BRIGGS: That's an interesting question. 17 So -- so the -- you know, there is an empirical question here, as to whether a -- a question that's written to 18 meant to be an interactive with technology, are you 19 20 getting at the same thing --UNIDENTIFIED VOICE: Yeah, but the way I 21 did -- I did not take the technology piece --22 23 MR. BRIGGS: Okay. I did. UNIDENTIFIED VOICE: -- what I'm 24

saying -- (indiscernible) take the test --

25



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1
                   MR. BRIGGS:
                                Right.
                   UNIDENTIFIED VOICE: -- I didn't have the
2
3
      technology in, so I don't have access.
                                I did -- right -- I did.
                   MR. BRIGGS:
4
      So -- so I -- I would -- I think it actually -- so first
5
6
      of all, I mean, my -- my answer is along the lines of
7
      what I -- in some ways what I wish had happened. I wish
      there had been a longer roll-out pilot period where we
8
      could have ironed out the technological glitches over a
9
      longer period of time.
10
                   If that were the case, I would very -- very
11
      clearly say, yes, we should immediately as -- as quickly
12
13
      as we can get students used to taking it on computer
      and -- and make that transition. I still think the
14
      (indiscernible) out of the box we're doing the testing
15
16
      now. We probably need to --
17
                   UNIDENTIFIED VOICE: (Indiscernible) --
                   MR. BRIGGS: -- (indiscernible) -- yeah -- I
18
19
      mean, we -- we need to (indiscernible) -- I will say
      that -- that I -- I think that that's where things are
20
               I mean, that's where NAEP -- NAEP is because
21
      headed.
22
      it's pretty soon going to be administering all of their
      assessments in -- in -- on technology. They don't even
23
24
      say computer, because they're being agnostic. They're
      not even clear as to whether what they'll be taking it
25
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on; is it a computer that we traditionally envision right 1 2 now. 3 It's even interesting that with -- with PARCC, I mean, it's -- it's quite a -- I mean, I'm not 4 5 surprised there have been glitches. I'm surprised there 6 haven't been worse glitches to some extent, because their challenge was to do this on, not just a desktop computer, 7 but a laptop computer and tablet, and -- and -- and these 8 are -- these are quite hard. 9 Let me just comment specifically where I 10 11 think there -- that you might see differences. I suspect that it will probably be harder for some students to take 12 13 the test on computer than paper and pencil when it comes to reading passages, because I think of the getting used 14 to perhaps of the -- the scrolling back and forth. 15 On the math side, the -- it's a little bit 16 17 more of an open question, because some of the tasks are very interactive, and it -- and it -- but 18 the -- the -- the one real obstacle and problem I think 19 20 that PARCC will need to grapple with is the question of whether by doing it in a -- a computer-based interface, 21 22 are you removing one of the ways that students had to 23 demonstrate understanding mathematics. In the past it would be possible in their paper and pencil you 24 might -- you might be able to get partial credit on some 25



25

1 constructive response task, if you could draw out and 2 show that you were making progress towards a solution and in a lot of math I think, especially with geometry. 3 UNIDENTIFIED VOICE: And you also had the 4 manipulatives that you could use. You had a -- a compass 5 6 and a protractor to use. 7 MR. BRIGGS: Now -- now, those things -- there have been attempts -- there are certainly 8 9 attempts in PARCC to make, you know, compass, protractor, and things --10 UNIDENTIFIED VOICE: Right, but it's not in 11 12 your hands. 13 MR. BRIGGS: -- but it's not in their hands, so that's -- that's requiring a switch, and -- and that's 14 obviously a tradeoff, but -- that we're making. There 15 are affordances. 16 17 One of the things that we don't always appreciate with -- that's a real benefit of the computer-18 based interface is that it actually leads to some 19 20 possible advantages, in terms of the way we provide students with accommodations. There is ability 21 with -- through the computer to make those accommodations 22 23 more standardized than they were in the past when you had

them on paper and pencil. So I see a very mixed bag on

the -- the -- you know, the tradeoffs between the paper



1 and pencil, and -- and the computer form. And just -- just be clear, PARCC certainly 2 3 didn't require districts to -- they certainly encouraged the shift to computer base, but made available the -- the 4 paper form, as -- as an alternative, but I do think in 5 6 terms of where things are headed, that's clearly 7 the -- the shift that needs to probably take place. UNIDENTIFIED VOICE: And you 8 raised -- excuse me -- and you raised -- I'm sorry -- and 9 10 you --11 MADAM CHAIR: No. 12 UNIDENTIFIED VOICE: -- and you 13 raised -- the -- the next question, and that is the finite number of dollars. Are we putting our dollars 14 into technology, or are we putting our dollars into 15 16 teachers, and smaller class sizes, and resources? 17 UNIDENTIFIED VOICE: Well, that's the reason why (indiscernible) because (indiscernible) --18 19 UNIDENTIFIED VOICE: It is --20 UNIDENTIFIED VOICE: -- educating our kids 21 without technology is really unforgivable. 22 UNIDENTIFIED VOICE: But not teaching our 23 kids -- not teaching our kids --24 UNIDENTIFIED VOICE: Hold -- hold -- hold. UNIDENTIFIED VOICE: I'm 25



- 1 interested -- I -- I appreciated the comments that Dr.
- Bankes made that teachers are (indiscernible) are
- 3 concerned that some of the questions are actually hard.
- 4 Is there -- do -- do any of you know if there's a process
- 5 now for feedback from the --
- 6 MS. BANKES: Oh, yes.
- 7 UNIDENTIFIED VOICE: -- community?
- 8 MS. BANKES: The kids took the surveys at
- 9 the end of the test --
- 10 UNIDENTIFIED VOICE: (Indiscernible) --
- MS. BANKES: -- at each -- after each test.
- 12 After each session they were asked to take the survey.
- 13 I've had kids say do I have to take it and the screen
- 14 comes up. You don't have a choice. It's, like, you need
- to click on the blue button I quess.
- 16 UNIDENTIFIED VOICE: So (indiscernible)
- 17 feedback from teachers to provide -- is there an
- 18 opportunity (indiscernible) --
- MS. BANKES: Not that I'm aware.
- MR. BRIGGS: My -- my belief was that the
- 21 administrator -- or there was also administrator
- 22 level -- I mean, at least the field test I know there was
- 23 administrator level survey that was set and that -- that
- 24 was given. I don't actually know whether --
- 25 MS. BANKES: I -- I don't either. It didn't



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1
      come up in my school.
2
                   UNIDENTIFIED VOICE: It's kind of -- I think
3
      it's kind of important to --
                   UNIDENTIFIED VOICE: Me too.
4
                   UNIDENTIFIED VOICE: -- hear from them --
5
                   MR. BRIGGS: Absolutely.
6
                   UNIDENTIFIED VOICE: -- just because
7
      they're -- I have all (indiscernible) comments about the
8
      level -- the -- the level of English, the level of
9
      reading skill that's used for a particular grades.
10
11
                   MR. BRIGGS: I do want to comment briefly
12
      on -- just very briefly on that one, which is that I -- I
13
      do -- there is a fundamental question about whether the
      nature of the mathematics construct, the thing that we're
14
      trying to get at is changing to some extent. I
15
16
      think -- I think PARCC very much has made -- and -- and
17
      their interpretation of the Common Core and -- and what
18
      they're trying to measure in mathematics that -- that
      some element of communication of reasoning is a part of
19
20
      that, and so I -- I think you're right. You're right
21
      that there are -- there are ways to impasse. I think
      we've -- we've often tried to see math tests as trying to
22
23
      strip away as much language as possible, but -- but
24
      the -- the risk you run with that is then you
25
      could -- when you strip out all the context around it,
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- then is it really the same -- you know, is that the kind
- 2 of thing that students will be faced with in the real
- 3 world.
- 4 If you're trying to make it authentic, we
- 5 don't (indiscernible) --
- 6 UNIDENTIFIED VOICE: (Indiscernible) word
- 7 problems.
- 8 MR. BRIGGS: Right. We -- we don't -- you
- 9 know, in the -- in the real world we don't run into
- 10 things that are presented to us as an abstract, you know,
- 11 equation with a missing piece.
- 12 UNIDENTIFIED VOICE: Right.
- 13 MR. BRIGGS: You know, we have actually
- 14 figured that out.
- 15 MS. SHEPARD: That -- that is part of the
- methodology that has surrounded the Common Core, and this
- is -- I -- you know, I disfavor strongly. It's -- and it
- happened in the '90s also, which is what typified then as
- 19 the field of dreams idea: build it and they will come.
- 20 So similarly, this grand rhetoric -- and I can -- so I
- 21 can speak and say here is what cognitive science says
- about what's possible, and those proofs about what is
- 23 possible are supportable, but now to just suddenly
- 24 declare it, and launch it on a nation, and furthermore,
- 25 have kids sitting there taking something that is --



1	UNIDENTIFIED VOICE: Beyond.
2	MS. SHEPARD: beyond them is not good
3	pedagogy, and it's not good measurement, even because
4	what we know, even from a psychometric perspective, is we
5	should be assessing in the region where they are, and
6	getting more, and more precise about them. That's why I
7	say, if we changed what PARCC is asked to do, you could
8	give some out-of-level testing that equated to and was
9	linked to the same scale, so I'm not giving an easier
10	test, and saying yay, you passed, but even to the example
11	of the text heavy mathematics real-world problems, that
12	should be the goal, but you have in good instruction, and
13	in good measurement access points that show
14	approximations to that. And you give a lower, but not
15	zero score for getting some distance to that. That's
16	true with drawing a picture that's to shows you
17	understand the problem. It's true with being able to
18	talk to your neighbor and say what you think about it,
19	and it's true, even for doing the easier TCAP problem, as
20	long as those are arrayed on a scale that doesn't give
21	you a high score for only doing the pizza problem.
22	And all of that was disallowed when people
23	said yay, we're just going to go for it, and we're going
24	to have these world class standards, and let the chips
25	fall where they may, so that's that's part of the



1 policy thinking around the ambitions of PARCC. 2 MR. BRIGGS: Just one thing (indiscernible). I don't disagree with that, Lorrie, but -- but I 3 will -- will just point out that there is a -- a serious constraint obstacle to making that a reality, and -- and 5 6 is this fixation on grade appropriate material, like the -- the -- you -- you can't get, like -- so -- so 7 PARCC has been laboring under the -- the -- the 8 constraint that the test they give should be aligned to 9 the Common Core, and what is written in the Common Core 10 11 for that grade level, right. And there is no question that that -- you're 12 13 seeing stuff that used to be for, not the students wouldn't be hit until they were in sixth and seventh 14 grade, is now hitting them in fifth and fourth grade. 15 UNIDENTIFIED VOICE: Right. 16 17 MR. BRIGGS: Right. So that's the 18 disconnect that -- to Lorrie's -- to Lorrie's point. MS. SHEPARD: And it's also the same 19 20 thing -- I mean, we're basically agreeing with the dilemmas, and with the constraints that were imposed, and 21 we can do psychometrically, or not, and this also speaks 22 23 to Kevin's earlier point about now not being able to 24 assess growth in the floor regions. So you could have teachers heroically raising kids a whole years' worth of 25



1 growth from the middle of third grade to the middle of 2 fourth grade, but not getting onto the assessment, 3 because they -- where they started was too low for that grade level PARCC. 4 I mean, I think it -- it's just 5 MR. BRIGGS: 6 worth saying that the Common Core is first of all, not the bible. And second of all, it was just a hypothesis 7 about the -- for -- for example, mathematics; how, you 8 would see knowledge and skills building over time. And 9 10 they had to slap grade level markers on these things, but 11 they were a guess, and there maybe, and also an ambition, and aspiration. And so if we -- I will -- I wish that 12 13 there had been more flexibility on the assessment side to say that was a hypothesis. We're going to actually find 14 out what -- what kids can do with particular instruction 15 and opportunity to learn, and we're going to try to 16 17 measure them where they are. That would have been terrific. 18 19 MS. FLORES: But I do --Could I -- could I just -- if 20 MR. WELNER: I -- I don't want to cut off --21 22 MS. FLORES: Sure. 23 MR. WELNER: -- Dr. Flores, but --24 MS. FLORES: Oh, no, no.

MR. WELNER: -- I just --



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1
                   UNIDENTIFIED VOICE: I'm still going.
2
      still (indiscernible) --
3
                   MR. WELNER: -- there's -- there's
      a -- there's a -- a real core issue here that
      I -- I -- that all this -- all the discussion -- I just
5
6
      wanted to bring it back -- that if -- if we -- what we're
7
      talking about are limitations of the assessment, right.
      We're talking about a heroic effort, and not just on the
8
      part of this third-grade teacher, but on the part of the
9
10
      people developing the assessments to try to come up with
11
      some way to serve all these different purposes.
                   And -- and none of that is ever
12
13
      going -- there are always going to be limitations,
      and -- and so I -- I keep coming back to use.
14
                                                     I wrote an
      article years ago about value-added modeling, and I used
15
16
      the analogy of buying a new sports car. It's a wonderful
17
      new Ferrari, and you want to take it out. You're
      driving. You drive it to the lake, and it does a great
18
      job. And then you decide you're going to use it as a
19
20
      boat, and drive it right into the lake. All right. It's
      going to sink to the bottom no matter how -- what a
21
      wonderful sports car that is. You're just using it for
22
23
      the wrong purpose, right.
                   And I -- and I think that
24
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it's -- it's -- it's -- it's crucial, even as we talk



about all these technical issues, and -- and talk about 1 2 the limitations of the assessment, and how -- how the 3 people developing the assessment have tried to address that and we might tinker with it, to -- to just always keep coming back to how are we using it. And 5 6 is -- is -- if our ultimate goal is to increase those opportunities to learn, is this the best way to do it. 7 UNIDENTIFIED VOICE: So I have one final 8 area I'd like you -- all of you to address, and that is 9 the importance of information to parents. Do -- we 10 don't -- we get two minutes with a teacher in high school 11 at most. Do we -- how can we use standardized 12 13 assessments to help parents know (indiscernible) just (indiscernible) let's face it assessments are a proxy for 14 we want to know if our kids are on track for learning. 15 This means there are limitations, but from what I'm 16 17 hearing, there are -- the congress bill (indiscernible) detail information (indiscernible) information for 18 parents, our legislation requires that. How do we 19 20 improve what we're doing and still be able to provide that to parents? And what I'm hearing from the social 21 studies feedback that parents have gotten is kids, whose 22 23 kids took it, they're pretty stoked on how much valuable 24 information those -- they feel that they're getting about their kid's progress. 25



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1
                   MS. FLORES:
                                I don't know where you heard
2
      that.
            (Indiscernible).
3
                   UNIDENTIFIED VOICE: (Indiscernible).
                                                           Can
      you stop?
4
                                I -- I can start very briefly.
5
                   MR. WELNER:
6
      The -- I -- I think that the -- the contribution I'll
      make to this is -- is to think -- to think about ways to
7
      create a data dashboard, not just for parents, but for
8
      everyone using this information. So -- so it's -- it's
9
10
      for -- for a lot of parents it's nice to get the test
11
      score to see how a child is doing, particularly in
      relation to other people, but there's so much more
12
13
      information to put that into context of what the child is
      learning, and what the child -- what opportunities the
14
      child has to learn that I think is missing when you just
15
16
      get that one number, even when you get, you know, sort
17
      of, breakdowns with them.
18
                   UNIDENTIFIED VOICE: But (indiscernible)
19
      part of a dashboard is that -- isn't that valuable
      information for parents, and how can we structure a
20
      summative assessment each year, so that
21
22
      parents -- parents see where there kids are?
                   MR. BRIGGS: So -- so I -- 40 years ago I
23
      was in eighth grade. I'll just -- if you go back to the
24
      40 years ago, we -- we didn't have all these assessments,
25
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1 but -- but we certainly had information going home to 2 parents along the way. You had -- you had interim report 3 cards, and you had report cards. You had various other assignments that went back. So there -- for -- for 4 parent -- for most parents, who are -- you know, 5 6 following their kid's education, you know, are able to, 7 sort of, engage with that, I think there are plenty of opportunities to get that sort of information. 8 would be one additional piece of information that could 9 be valuable, but I don't want to elevate it too high. 10 11 UNIDENTIFIED VOICE: I agree. I'm just 12 trying to figure out how can we make this assessment more 13 so that particular piece that common assessment for kids in the state is available to parents and (indiscernible). 14 I would agree with you that it's inappropriate to use 15 16 that solely. 17 MR. BRIGGS: So I will say that --18 MADAM CHAIR: Dr. Briggs. 19 MR. BRIGGS: -- I -- I will just say that a 20 lot of thought -- and one of the things that the -- in the Technical Advisory Committee meetings that we kept 21 putting on the agenda is the important piece was for 22 PARCC to be thinking very carefully about how they're 23 24 going to report scores, and what that interface would be, and what would be too much information, and what would be 25



- 1 not enough information.
- Now, I don't -- I've seen mock ups that
- 3 would have been great for Colorado. I think they're
- 4 fairly clean. I think they provide fairly good
- 5 information. They -- they provide -- if you haven't seen
- 6 them, they provide one overall scale score for
- 7 mathematics, and English language arts. Then in
- 8 mathematics they break it down into the student's
- 9 performance relative to a student that is at the level
- 10 four, and say essentially whether it looks like you're
- 11 performance in the focal content area, the -- the support
- 12 content area, reasoning, and modeling, and those four
- 13 claim areas you're compared to other students that were
- 14 at the level four (indiscernible) scoring
- 15 above -- performing above the level (indiscernible) sorts
- of things.
- 17 So that -- that information already is -- is
- 18 more information than we've received before
- 19 (indiscernible) parents will have received before
- on -- on TCAP, and we should hope so, right, given that
- 21 much more testing there is. You should hope that more
- information would -- would come from it.
- 23 The same with the -- on the ELA there
- is -- it's broken down into a reading and writing score,
- and then reading, there's reading for information



literary text. There's also grammatical conventions, 2 and -- and grammatical extensions, and -- and one -- vocabulary. So -- so there is a lot of 3 information that's in there. 4 Now, I do think it's a little bit of an open 5 6 question, and I would love it if the state was -- was 7 either thinking about how to collect data from parents, in terms of how they -- how -- and to what extent they 8 9 actually interact with these score -- score reports, and 10 what value they get. I think we're operating on a lot of 11 anecdotes that -- that we have. We hear somethings from 12 some parents, somethings from the other. It's a very 13 open question so what extent, you know, how a parents respond when they get this certain information, and what 14 they do with it. 15 16 I do think we know that from the perspective 17 of teachers, that the notion -- there is a I think a 18 mythology that somehow if we can present this information to teachers that somehow it could then be used for 19 20 formative purposes. I think that is very much a myth. think that's unlikely. And -- and you know, so -- so I 21 do think it essentially has some uses for teachers at the 22 classroom level to think about for the class as whole 23 24 where students seem to have perhaps some strengths and weaknesses. And at a school level, I think there's some 25



1 possibilities to be a little bit more diagnostic, in terms of strengths and weaknesses, but what we know right 2 3 now about how this is being used, there's nothing, because it's just started, and it's the first time -- it won't be until the fall that these reports come out, and 5 6 I -- you know, I hope that -- and I -- I image it's true, but I'm sure the state has plans to collect information 7 and see -- if -- if not formally through surveys, but 8 9 certainly here how -- how parents are responding to the information 10 UNIDENTIFIED VOICE: And teachers --11 12 MR. BRIGGS: -- and teachers. 13 UNIDENTIFIED VOICE: -- and administrators. 14 Yeah. UNIDENTIFIED VOICE: Dr. Bankes or Dr. 15 16 Shepard, do you have comments? 17 MS. SHEPARD: Well, I just want to say I 18 don't think there's a generic parent, and so I worry about asking the question and the two you suddenly 19 20 disagreeing about what parents say. Well, parents say wildly different things. And I don't think that there is 21 an answer to what should this -- what should a good state 22 23 assessment be designed to accomplish to please parents, 24 because parents, as a group -- and it's always just like

one more than half of them -- are driving things, like



infinite campus and the fact that teachers are having to 1 2 post scores -- scores -- scores for parents, because 3 they're tracking whether their kids are going to get into such and such a school. 4 They aren't asking a good substantive 5 6 question, in my opinion, about could my student write a good freshman essay, and so if I were trying to design 7 for the students in high school and parents, I would 8 design much better substantive assessments where they 9 could actually have their writing assignment in history 10 scored the way it would be scored, and give feedback 11 about what they would look like in -- if they took a 12 13 history class at CU. And by the way, that would still be different from lots of kids coming to engineering at CU 14 and not knowing calculus well enough -- adeptly 15 enough -- back to the should they have memorized 16 17 fractions or not -- to be able to do well. So the more 18 you can simulate for each kid what they actually have to do, the better. 19 And my -- a prediction I would make about 20 this opt-out movement is that it may so unseat these 21 mandatory tests that policy makers will have to rethink 22 23 what kinds of tests they can require that serve the 24 students. Now, this is not the same as what kind of

assessment would we build to get good data about



- 1 improving schools, but if you want to force kids to take
- 2 a test, I think you're going to have to make it worth it
- 3 to them, and so you're going to have to appeal to
- 4 colleges and universities to use them as entrance
- 5 criteria. Something that -- I'm sorry I'm forgetting his
- 6 name -- but the chancellor at the California system, who
- 7 hated studying for the SAT --
- 8 UNIDENTIFIED VOICE: (Indiscernible)
- 9 Atkinson.
- 10 MS. SHEPARD: Thank you. Dick Atkins.
- 11 Thank you. Atkinson. He said long ago that we should
- 12 replace the SAT with a substantively useful assessment of
- what the kids can actually do; can they do college-level
- 14 work? The SAT only covers ninth grade curriculum.
- 15 So something is going to have to change, but
- 16 always you have to figure out what your purpose is, and
- 17 design the assessment to that purpose.
- 18 MADAM CHAIR: Dr. Bankes, did you have a
- 19 comment?
- MS. BANKES: I -- I do, and I think -- I
- 21 think we agree that -- that not one test result reporting
- 22 out to parents is going to reach them all. So when I
- 23 think about the different levels of parent involvement of
- 24 the students that I've interacted with over my career, I
- think it comes down, for me, two things. One is, a



1 score. Folks understand a score. The other one is how 2 does that -- how does my child compare to others, whether 3 it's in the district or whether it's statewide, or whether it's on the national level. I think it has to have at least those two components, and then however else 5 6 it needs to be devised to meet the needs of parents. 7 MADAM CHAIR: Thank you very much. I had forgotten that one of my colleagues is 8 on the phone. Debora, do you have some questions? I 9 10 apologize. Out of sight, out of mind unfortunately. 11 UNIDENTIFIED VOICE: Angelika --12 UNIDENTIFIED VOICE: She had to step away from the phone. 13 UNIDENTIFIED VOICE: -- Debora --14 MADAM CHAIR: She's gone? 15 UNIDENTIFIED VOICE: She did -- she left for 16 17 30 minutes for another meeting, and will dial back in. 18 MADAM CHAIR: So okay. Val. MS. FLORES: 19 Well, I had to ask a question about equity and quality, you know, with -- especially 20 concerning minority kids, because we know that many 21 minority kids do not do well on these high-stakes tests. 22 And I'm also concerned about the teachers, and the value-23 24 added model that you talked about that is being used to

evaluate teachers, so it's two. I'm concerned about



1 minority kids. And I know that many minority kids do, do 2 well. And I'm hoping that that the state will tease 3 those scores out so that it does show that some minority kids -- maybe many more minority kids than we think are doing well, because I -- I think it's -- it's -- it's 5 6 terrible that they're going to be the people who are going to think I didn't do well; I'm a loser; and lots of 7 other kids, not just minority kids. I'm just thinking 8 about DSL kids. Kids who are learning English, who may 9 10 not, you know, have the skills to maybe write at that 11 level, but may do well on math, but maybe not because of the worded problems, and so I'm -- I'm concerned about 12 13 those kids. What could you say about (indiscernible)? MR. BRIGGS: Well, I think it's -- it's 14 important to start from the -- from 15 the -- start -- if we go back to George W. Bush 16 17 and the -- the idea of a (indiscernible) of low expectations and -- and what sort of motivations were 18 behind a lot of the movement towards sort of standards-19 20 based -- test-based accountability policies, because if 21 we go back to that point, that was not nirvana, right. That was particularly for -- for these students of color 22 and -- and the one students of low-income communities. 23 24 There was a lot of warehousing going on.

There was a lot of kids who were -- who were sort of



1 being ignored, and -- and not being challenged. 2 part of the motivation behind a lot these policies was to 3 say you can't ignore these kids anymore. We're going to just aggregate the results. We're going to demand high expectations for all kids. 5 6 So there is, I think, a -- a very important, 7 and good underlying idea behind a lot of these policies. Now, unfortunately, it has not played out very well, and 8 that's because of the negative unintended consequences 9 that we've seen with these policies, and the fact that 10 when -- when children are challenged and given a rich 11 curriculum, and -- and given supports, and teachers are 12 13 given supports, those children learn more. And in -- and -- and the idea behind test-based 14 accountability policies that somehow this would 15 16 pressure -- these would create pressure on the system to 17 do all those things, and it simply hasn't done that, but it doesn't mean that in some schools, in some instances 18 the kids who otherwise would have been warehoused are now 19 20 getting a much more challenging, engaging, purposeful curriculum, but I think overall the results we're seeing 21 22 are extremely disappointing. 23 And the idea that we would -- we would spend so much time focusing on (indiscernible) money and -- and 24 focused on math and reading, and not even seeing the 25



1 bumps in those areas that we'd like to see, let alone the 2 areas that are squeezed out. It's just -- it's just very 3 disappointing. So I think there's a mixed picture here. I think that it's -- it's -- we -- we need to -- we need to be not thinking -- and I know you're not saying this, 5 6 but thinking back to -- we need -- we need to go back to where we were before all this versus we need to keep what 7 we have. 8 I think we need -- we need to open up a 9 third door, and -- and -- and think a lot more about 10 11 well, how is it that we're really going to create a -- a sustained system of rich opportunities for kids, 12 13 particularly kids who have -- who have been pretty ill served over the years. The point Lorrie made earlier 14 about different schools with different levels of 15 16 resources, and different needs responding differently to 17 these pressures is also really important to keep in mind. 18 MADAM CHAIR: Do you have a comment? 19 MS. BANKES: Classroom behavior sometimes 20 gets in the way when you're working with kids who are struggling in school, whether it's because they are 21 English language learners, or it's because they live in a 22 23 neighborhood where basic needs, food, clothing, and shelter are not always available. 24

MS. FLORES: And don't you think that



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1
      sometimes that may be due to maybe not understanding, or
2
      maybe not having appropriate materials, appropriate
3
      (indiscernible) --
                   MS. BANKES:
                                So that's where I was --
4
                   MS. FLORES: -- (indiscernible) --
5
6
                   MS. BANKES: -- exactly. And it kind of
      goes back -- excuse me -- earlier to about where are we
7
      going to put our finite dollars.
8
                   So one of the reasons I have a job in my
9
      retirement is because students do better, whether they're
10
11
      minority or not, but students do better in a -- some
      students do better in a small classroom setting, and so
12
13
      when they come to me, and we work, I'm old, and this is
      the way it is. A telling statement for one of my
14
      students is, when we were doing math -- I'm a philosophy
15
16
      major, before I got into all of this other stuff, so
17
      getting through stats for my doctorate was quite the
18
      challenge, but, you know, you rise up to it, and you go
      with it.
19
20
                   So I have eighth graders in my -- in my
      little room, and I'm working with them in math. And one
21
      of the boys says, well, Dr. Bankes, aren't you going to
22
23
      tell us that we're doing a good job, and I said, when you
24
      do a good job, I'll tell you. Then he goes, well, why
      don't you lie like all the other teachers, and I said,
25
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- because I'm retired, and I can tell you the truth,
- 2 because we are so hung up into those test scores, and how
- 3 it's going to play out in the high stakes.
- 4 So some of those resources I think need to
- 5 be put into that engagement and really meeting kids. I
- 6 have a girl that said she -- and these are anecdotal, I
- 7 know, but she -- Hispanic girl, lovely girl, fiery
- 8 temper, liked her a lot. She liked me, thank goodness.
- 9 She didn't like her math teacher. But she's an eighth
- 10 grader, and she has -- she told me she has flunked math
- 11 every year since elementary school. Why is that? I'm
- not good in math. I said my definition of being able to
- do math it's not a contest how fast you can do it, but
- those reasoning skills that we're talking about.
- 15 So she came to me and we're doing
- intercepting lines, and complimentary angles, and things
- 17 I can't even repeat back, and she did really well. I
- 18 sent all of her paperwork back to her teacher. She ended
- 19 up getting suspended for calling her teacher a name that
- we just can't find acceptable. The goal is to keep them
- in school, so what resources can we use to keep them in
- 22 school. We hire people like me who have been around a
- long time. We've heard an awful lot of stuff. It
- doesn't matter. We have a job to do. We're just going
- 25 to get it done. So I think resource is part of it.



- Another school that I was in I -- in 1 2 Colorado Springs and probably in other places they have 3 the 100 best and brightest kids the mayor's choice -- whatever. Kids that I was invested in -- I took one of those that sounded like the boys -- one of 5 6 the boys that I was working with. I said I want you to I cut out the picture. I want you to 7 take this home. take this home. I want you to put your picture in there. 8 And when you take this picture home and put it on your 9 10 refrigerator that will be you in three years. I want to 11 see your name on this list in three years. Now, whether he does it or not, doesn't 12 13 matter, but it's kind of like what you're saying when you see these low scores, and parents come in and say well, I 14 was never good in math, you may not have been fast in 15 16 math, but you are good in math. You know how to pay for 17 your house. You know how to finance. You know how to do 18 these things. So it depends on the level, at which we're meeting our parent's needs, and that -- when we get so 19 20 focused on those scores -- and that's what I was saying about the public charter school -- those kids -- and 21 22 those faculty people are there to meet kids who need an 23 awful lot of resources, so they can get through school so 24 they so can do something with their lives.
 - UNIDENTIFIED VOICE: I'd just like to say



1 thank you all for coming (indiscernible). 2 MS. BANKES: Thank you for inviting. MR. BRIGGS: Thank you. 3 MADAM CHAIR: Thank you very much. 4 We have some folks who want to make a 5 6 comment. Do we need to take a three-minute break? been at this for two and a half hours, folks? Please. 7 Okay. Two to the three minutes, if you don't mind. 8 9 then we have six speakers who would like to speak to us. 10 Thank you very, very much (indiscernible). 11 It's very helpful. 12 (Pause) 13 MADAM CHAIR: The next portion of our meeting -- and by the way, I just want to remind all of 14 our signed up speakers that we are talking today about 15 16 PARCC, so it will -- we will expect you to be making 17 comments about that. We will not respond, nor will our 18 esteemed panel, but we are very anxious to hear from you. 19 So if I may, Rachel Zenzinger; is she still 20 here? Rachel, there you are. Please come. MS. ZENZINGER: Well, I -- I think it's good 21 22 morning. My comments say good morning, so I'm glad we're 23 still there. I'm Rachel Zenzinger. I'm a former 24 educator and a former instructor with a master's of arts of education from Regis University. Especially liked 25



- 1 being in teacher leadership. And I'm also a former State
- 2 Senator, who once sat on the Senate Education Committee,
- as well as the CBE, and CBH Committee.
- 4 Currently, I'm the state manager for the
- 5 Colorado Ed Voice Scholarship with America Achieves. And
- 6 I'm here today, not to represent my views, but the views
- 7 of resident educators from the Colorado Educator Voice
- 8 Fellowship.
- 9 The Colorado Educator Voice Fellowship, just
- 10 to give you some background, focuses on the
- 11 implementation of college and career-ready standards, and
- 12 empowers outstanding teachers and principals to elevate
- 13 their voice in public conversations about teachers
- 14 learners; assume leadership roles; and implement the
- 15 education policies at the local, state, and national
- 16 level. I have with here today -- and I will give you a
- 17 copy -- four letters from teachers, who could not be
- here, because they are teaching, but they did wish to
- 19 express their views on this topic of assessment in PARCC.
- 20 And due to time constraints, I will not read all four
- letters, but I will read to you one.
- This letter comes from Pam Williamson-
- 23 Rybolt. It says, "Hi. My name is Pam Williamson-Rybolt,
- 24 and I'm Colorado's 2010 Title I Distinguished Teacher of
- 25 the Year. This is my 20th year in education, and in this



1 time I have taught literacy in all grades 6-12. 2 consider testing, I would like to share with you my 3 experiences with standards and the PARCC. First, I must say that the new Colorado 4 state standards for reading, writing, and communicating 5 6 are, by far, the best standards yet for preparing students for college and career readiness. 7 those standards in my literacy classes has created a new 8 9 level of engagement and rigorous learning. No longer are 10 we focused on memorizing any new literary elements, which are low-level skills. Now, instead, we are investigating 11 rich text in a variety of genres to determine how writers 12 develop their messages. 13 Our students are being invited into larger 14 conversations about issues that will impact their lives. 15 16 I was surprised after all the hype and sensationalism in 17 the media about PARCC to find that it was a non-event. What were my student's reactions to the PARCC test when I 18 asked them how they felt about it? They simply stated, 19 20 Mrs. Rybolt, the test was just like what we do in class 21 all the time. Ladies and gentlemen, that is exactly the response I like to hear. Any standard worth teaching is 22 23 worth testing from an outside source to provide reliable, 24 valid data on how I'm doing in teaching to the standards.

Finally, we have a test that matches the



- 1 rich instruction and high expectations I have for my
- 2 students. We are finally on a path to truly preparing
- our students for the challenges of the future.
- 4 I understand that change is difficult, and
- 5 that there are many misconceptions about the new
- 6 standards, and tests among all stakeholders. As we all
- 7 know, real and meaningful change takes time and
- 8 persistence. I encourage you to consider our children,
- 9 as you make decisions about issues that impact their
- 10 futures. Our children deserve a bright future
- 11 facilitated by high expectations, and rich standards.
- 12 Let's not give up easily because of the growing pains of
- the change that can only benefit our children.
- With regard, Pam Williamson-Rybolt, teaching
- 15 partner at Aurora Frontier P-8 in Aurora, Colorado."
- 16 Thank you very much. Appreciate it.
- 17 MADAM CHAIR: Next. Sorry. Candace Green
- 18 (ph), please. Do your best, please, to stick to three
- 19 minutes. I try not to be a heavy, but --
- 20 MS. ROBINSON: Good morning. Greetings,
- 21 Madam Chair --
- MADAM CHAIR: Good morning.
- MS. ROBINSON: Madam Vice Chair, and Members
- of the Board. I am not Candace Green. I am her mother
- 25 Geraldine Robinson (ph).



1	MADAM CHAIR: Well
2	MS. ROBINSON: She has to be in school
3	today.
4	MADAM CHAIR: Okay.
5	MS. ROBINSON: Candace is a teacher at Adams
6	12 and she's in school. I would like to read aloud her
7	written testimony about the importance of both meaningful
8	assessment to demonstrate our hard work and quality time
9	to teach. These are the words her words and views.
10	"As a veteran master teacher and
11	interventionist of 21 years I have witnessed and
12	experienced extensive paradigm shifts in education. At
13	first, I thought of the transition of the PARCC
14	assessment as just another fad; however, after studying
15	field reports, and the degree to which PARCC's success
16	(indiscernible) assesses ELA and math skills in a
17	pertinent and meaningful manner I became a strong
18	advocate of PARCC. In my professional and highly
19	qualified opinion, the PARCC assessment, not only proves
20	to be efficiently aligned with Colorado academic
21	standards, it also officially measures my student's
22	mastery of those standards.
23	One additional hat I wear at my school,
24	Global Village Academy, is that of site assessment
25	goordination goordinator. The DARCC test is well



1 organized and well supported. I often hear the students 2 say they enjoy" -- they -- they enjoy -- "the test. 3 ask why, their answers range from the content is interesting, to they enjoy testing on the computer. especially like that it includes videos. I never heard 5 6 these types of complements about CCAP and TCAP. On a special note, " -- I suggested -- "I 7 suggest the following enhancements to the PARCC 8 assessment. The PARCC results to be provided in a timely 9 I truly believe this assessment will provide our 10 manner. school with relevant results we can utilize to determine 11 smart goals, discussing data teams, and apply to drive 12 13 instruction next year; however, since we cannot immediately assess the data, the data becomes irrelevant 14 to" -- to -- "meet the immediate needs of our students. 15 "Number two, since quality time to teach 16 17 remains necessary, I would like to see the sheer number 18 of testing days drill down in order to keep the students in the classroom engaged and learning." 19 20 And she has one more comment that -- and I do have papers here I should have offered to people to 21 see I'm sorry. Her other comment. "I have the right to 22 23 have my students and hard work measured by 24 an" -- excellence -- "excellent test like PARCC." 25 MADAM CHAIR: Thank you so much.



me.

I would like to add one more 1 MS. ROBINSON: 2 thing. I hope you people really -- I'm 84 years old -- I 3 hope you people really, really listen to these people here today, because it all makes sense. My first grade 4 school was at a two-room school house, and we didn't 5 6 learn much. And I self-educated myself. I became an 7 interior designer. Then I wanted to learn more, and I became an architect, and I did large buildings in Miami 8 Beach, Fort Lauderdale, and Boca Raton, but from the two-9 room school house, listen to these people. Thank you. 10 MADAM CHAIR: Thank you for coming. Thank 11 you for sharing. 12 13 MS. ROBINSON: I don't walk very good. MADAM CHAIR: Julie Molster (ph) -- Julia, 14 I think your name. 15 I'm sorry. 16 MS. MOLSTER: It's all right. Yeah, Julie. 17 Good morning. I wanted to start by quoting Laura Slover, 18 the PARCC CEO, that the purpose of the test is to align the curriculum. That was a quote of hers. 19 I guess I'm confused, as to how we're 20 hearing from teachers commenting on the value and success 21 of the test that we just rolled out and we have no 22 results back, and the teachers aren't even allowed to 23 24 talk to the students, or see the tests, so that confuses



1 Dr. Shepard here said that PARCC is a better 2 "There are tests that are much worse than PARCC." Again, I'm confused, because there's no data on PARCC 3 whatsoever. We're basing everything of this on data that we want, but we have no data on the PARCC success, so how 5 6 can we say anything positive or negative about a test without any data? 7 Children with computers at home, we know, 8 will do significantly better on this test than children 9 who do not even have pencils at home. How does that 10 serve equality for everybody? 11 What we do know about this brand new test 12 13 with no data is that it's shown to be two -- two to three above grade level. It has been shown to have multiple 14 errors in the passages. Arguably, there's only 7 to 10 15 states left in the consortium that was said to have -- be 16 17 required to have 14 for comparability; 14 is long gone. Comparability is long gone. 18 19 Glitches nationwide. We now have seen 20 unethical monitoring of children via social media, that we have been told that we, as taxpayers are paying 21 for -- paying for our children to be monitored. Teachers 22 23 are now being punished -- that was just in the Denver 24 Post the other day -- for things beyond their control. What's next? Are we going to frisk the students to make 25



1 sure they aren't hiding cell phones? 2 You have 10-year olds spending nine hours 3 working for the system with the burden and uncompensation -- uncompensated job of grading the 4 teachers, instead of learning. Teaching ends right after 5 6 winter break. (Indiscernible) has been anything but honest. It's a game of semantics. 7 Mr. Briggs just validated to us right here 8 that it would take it five years for this test to have 9 good data that we could make good decisions on. Yet, our 10 children, teachers, and schools are being consequently 11 effected during this pilot that they have even agreed to 12 13 participate in. We should have a five-year hold harmless, based on what Mr. Briggs just said. 14 The -- we have a Colorado Constitutional 15 16 right to local control, but that's eradicated when you 17 are requiring districts to all be successful to the same 18 test. We've all seen tests now from PARCC, because they've been leaked. And thank God that they have, 19 20 because now we know that it wasn't just the cover of CMAS that manual that Pearson put out that has errors, but 21 22 we've been proven -- it's been proven that there are

errors in the test. There's no room for errors in high

Thank you.

stakes.

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1 MADAM CHAIR: Thank you very much. 2 Cindy McLourdess (ph). I had emailed -- I have two testimonies from 3 4 other people. Do you want me to read them, or are they -- I emailed them, if you want to just hand them 5 6 out. UNIDENTIFIED VOICE: Well, (indiscernible). 7 UNIDENTIFIED VOICE: Well, is Cindy here? 8 UNIDENTIFIED VOICE: She has 9 10 (indiscernible). I have them too. I was asked to read 11 them. 12 MADAM CHAIR: Okay. You want to do that after -- after (indiscernible). Does that sound okay? 13 UNIDENTIFIED VOICE: Sure. 14 MADAM CHAIR: Sherry Consiter. 15 MS. CONSITER: Hello. I'm Sherry Consiter. 16 17 I'm a mother of two, and I'm here representing my two 18 children. I'd like to start off by saying I find that it -- it's good that you are looking at how PARCC is 19 20 impacting students and teachers, but I don't see students and teachers, and I'm wondering if you are willing to 21 22 hold a panel that would include students, teachers, and 23 parents, because I think those are the stakeholders here 24 that are affected with these scores, yet, we're not 25 asking them directly.



1 And to Ms. Molster's point, teachers are not 2 allowed to speak about the test. They have to sign a 3 confidentiality agreement. And they're not really supposed to be standing over student's shoulders to see 4 the test, so it'd be very difficult for them to analyze 5 6 the test, if they cannot see, or speak about it. I've talked to several teachers and they 7 can't be here today. They asked that I convey a few 8 messages to you, being one of the biggest problems with 9 PARCC is time away from the classroom, that not only is 10 it the seat time, but it's also the test time, it's 11 preparing the school, the testing window, and between 12 13 March and May it's testing season, and the school essentially just changes. It shuts down. 14 The media center becomes testing central. Specials teachers can no 15 longer teach specials. They have to teach -- or 16 17 administer the test. I know in my children's school, which is a 18 19 smaller school, we don't have enough computers to test 20 all the children. Last year we asked for paper and pencil because we didn't have the money to buy the -- the 21 22 computers. We weren't allowed paper and pencil, so my children had to be bussed to another school that they 23 24 were unfamiliar with and crammed (indiscernible) in, in one testing window sitting in an unfamiliar location. 25



This year we tried to get enough computers to do some grades, but we're missing so much school, because it's 2 recess time while the rest of the kids are taking the 3 test, because they can't get ahead of each other. 4 There are a lot of problems with this. 5 6 one of the problems that I think Mr. Briggs did a really good job of saying is we are not ready yet. This should 7 not have been rolled out. It should have been a pilot. 8 It should have been studied five to six years before we 9 10 implemented it, and held people accountable. labeling our kids as unsuccessful, and we don't -- we've 11 12 not seen the test, and I would beg to question whether or 13 not the test that you have seen -- all the educators have seen was actually the test, because it's my understanding 14 that it's the sample that I have seen. It's not the 15 16 actual test. 17 Something else I'd like to say is they said 18 we -- you know, not all parents would answer the same; not all teachers would answer the same. We do have 19 surveys from parents -- over 700 parents in Colorado took 20 21 the surveys, but they don't value these tests, because 22 they don't see the results until the following year. And 23 when you do get the results, it's a small snippet saying 24 it's a cut score. It would be very nice if we had access 25 to see my child missed this question, and this is why, so



- 1 I get to talk with my kids, and say okay, this is -- you
- 2 didn't understand this.
- If we have a pilot system, like what we're
- 4 proposing with legislation across the street, to make a
- 5 more formative or authentic type test that could both be
- 6 formative and hold teacher accountable, you would be
- 7 killing two birds with one stone. It would be less time
- 8 away from the classroom, and it would be (indiscernible).
- 9 And unfortunately, my time is over, but I really
- 10 appreciate having time to interact with people. Thank
- 11 you.
- 12 MADAM CHAIR: Thank you.
- 13 Michael Claw. Did I mess this up? Douglas
- 14 Bissonette, I'm sorry.
- 15 MR. BISSONETTE: Yes, Douglas Bissonette.
- 16 Madam Vice Chair, Members of the Board, Mr. Hammond,
- 17 thank you for hosting this session, and allowing public
- 18 input. I'm superintendent of Elizabeth School District
- 19 just south of Cherry Creek and east of Castle Rock. And
- 20 we saw an interesting pattern in the number of parents
- 21 who requested that their children not take the PARCC
- 22 test. We saw the highest request for opt-out at the high
- 23 school level; approximately 60 percent. A little bit
- less at the middle school level; approximately 40
- 25 percent. And the least opt-out requests at the



1 elementary level; approximately 20 percent. 2 I think that -- that Elizabeth School District has about 2,500 students, so it's a -- it's a 3 reasonable size to draw some conclusions to that pattern. I think that if the State Board, and Department of 5 6 Education looks at the opt-outs across the state, and thinks about PARCC, not just as one large test, but 7 looking at it for the relevance for parents, teachers, 8 9 and learning at the elementary level, at the middle 10 school level, and at the high school level, that you'll see something different when you look at its 11 applicability, its usefulness at each of the levels. 12 13 I think that the opt-out -- it doesn't give us all the information, by any means, but I do think it's 14 data worth examining. I don't know if our district is a 15 16 similar pattern, but from the other superintendents I 17 know -- or that there's been that pattern in other 18 districts, and I think that it should help us learn something about how parents, especially value 19 standardized tests, as their children move through our 20 21 education system. So just wanted to not have you look at PARCC as a whole, but look at PARCC as children move 22 23 through, so that's all. Thank you very much. 24 MADAM CHAIR: Thank you very much. And thanks to all of you for attending.



- 1 believe that we are now recessed.
- 2 UNIDENTIFIED VOICE: (indiscernible).
- 3 MADAM CHAIR: Oh, my apologies. We have two
- 4 letters to be read, which I -- I'm fine with that, but
- 5 let's not (indiscernible). For the future, we will not
- 6 ever (indiscernible).
- 7 UNIDENTIFIED VOICE: Patricia R. Lang (ph).
- 8 "I live on the western slope and could not make the
- 9 meeting. My daughter currently (indiscernible) for
- 10 children out of all standardized tests, with the
- 11 exception of the ACT they take as juniors.
- 12 "My late daughter opted her daughter as
- 13 well. She never took a standardized test, with the
- 14 exception of the ACT. These tests take you too much
- 15 learning time and cost too much money.
- 16 Let teachers teach, and let them evaluate
- 17 students. No child learns the same, at the same rate.
- 18 Every child has strengths and weaknesses and who knows"
- 19 that -- "this better than the child's teacher. These
- 20 tests devalue teachers, the educational process, and the
- 21 students.
- 22 "To evaluate a teacher on an element in
- which he" -- he -- "or she has no control is just
- 24 ludicrous. (indiscernible) saying holds true, you can
- 25 lead a horse to water, but you cannot make them drink.



25

1 There are too many elements in a child's like that come 2 into" -- into -- "play regarding learning to evaluating teacher on a standardized test. Evaluate me on what I 3 teach, and how I teach, but not a score on a standardized test. 5 6 "In closing, take a look at Finland. 7 seem to have the best schools in the world. They do more tests, so they do not start school until age six or 8 9 seven. "Education has become to politicians, and 10 11 until we get back to focusing on students, and their individualized learning, we are not going to be 12 13 successful. Talk to the kids. Talk to the students. Listen to what they are saying. Dump the tests. 14 killing our kids love of learning. It is destroying our 15 16 educational system. 17 "We have allowed politics and politicians to run the system and until we take education back from 18 them, we will not be successful." 19 20 And the second one is from Cindy --21 UNIDENTIFIED VOICE: Regordis (ph). 22 UNIDENTIFIED VOICE: -- Regordis, parent in "As I sit here and try to decide which of the 23 Littleton.

many issues I would like to address, it keeps coming back

to me that you ladies and gentlemen know these issues in



- far more depth than I ever will. I cannot
- 2 (indiscernible) knowledge; however, I can raise a few
- 3 eyebrows to what I have seen in the trenches from PARCC
- 4 policy.
- 5 "My kids attend school in Littleton, and as
- 6 you know, Littleton is well known for their high-test
- 7 scores, and Littleton is scrambling harder than they ever
- 8 have" -- have -- "in the past to place fed students in
- 9 resource schools. And I promise you this is not only in
- 10 Littleton. Resource schools create a wonderful illusion
- 11 to parents with special needs kiddos. They have all the
- 12 assistive communication tools, the incredible staff on
- 13 paper. They essentially place all of their resources in
- one school.
- 15 "Why is this wrong? It's not for the
- 16 students. It's for the school. It lowers the liability
- 17 these students have on the districts. I finally caved to
- 18 a resource school at the beginning" -- of school -- "of
- 19 next school year. Of course, the school will provide
- transportation, if I elect to use it, but they can't tell
- 21 me is an exact amount of time it will add to the school
- 22 day, or exactly what time the bus will pick up and drop
- off. According to his fed, the bus driver could get to
- 24 1.5 hours each way, so I will be taking her to and from
- 25 school, and will have two little ones in two elementaries



- and a senior in a different district, all because PARCC
- 2 wants to lower their liabilities when bringing big
- 3 business to the classroom.
- 4 "I have seen an entire elementary lined with
- 5 makeshift pile-on cones that read 'Shh PARCC testing in
- 6 progress.' Every student whispering so others can
- 7 concentrate. Do you know how absolutely insane it is to
- 8 ask 3 to 500 kids to whisper for hours on end or not
- 9 speak at all?
- 10 "Windows covered with black construction
- 11 paper. Imagine the fallout when those students are
- 12 allowed to release. God help our teachers.
- "Ask PARCC a question and what will they
- 14 answer? We are sorry, Madam Chairman, we would be in
- 15 breach if we answered that question. They have covered
- their butts" -- since -- "as any good business would;
- 17 however, big business does not belong in the classrooms.
- 18 "We need proven tests in our classrooms
- 19 without stakes so high that they are causing the exact
- 20 opposite of their intended purpose. We have a saying in
- 21 our house, when something is so obvious, it's ready to
- 22 hit you in the face. Duh, big red truck. And I implore
- you, get out of the street, because PARCC is the biggest
- 24 red truck I have ever seen."
- MADAM CHAIR: Thank you.



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                   But for future purposes, when we have
2
      constituents who want to have something read, could
      help -- just to (indiscernible) -- I read all the
3
      stuff --
4
5
                   UNIDENTIFIED VOICE: (indiscernible).
6
                   MADAM CHAIR: Okay. I just don't think that
      kind of help us in the long run, in terms of the process.
7
      You can just copy them during the (indiscernible).
8
9
                   You guys okay (indiscernible)?
                   So we are adjourned.
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                   Again, thank you to all of you for coming.
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      Thank you to our panelist. It was great.
13
         (Meeting adjourned)
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2	I, Kimberly C. McCright, Certified Vendor and
3	Notary, do hereby certify that the above-mentioned matter
4	occurred as hereinbefore set out.
5	I FURTHER CERTIFY THAT the proceedings of such
6	were reported by me or under my supervision, later
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8	control and that the foregoing pages are a full, true and
9	correct transcription of the original notes.
10	IN WITNESS WHEREOF, I have hereunto set my hand
11	and seal this 25th day of January, 2019.
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