



Graduation Guidelines Assessment Workgroup Meeting Notes

Lowry Conference Center

Meeting Date: April 27, 2017

Meeting Time: 10:00am-3:00pm

No.	Discussion	Initiator
	<p>In Attendance: Mike Bowers (Lone Star), Jane Chapman Vigil (Metropolitan State University), Floyd Cobb (Cherry Creek), Jonathan Dings (Boulder), Mary Kay Dore (Summit), Chris Selle (Meeker) Fred Franko (Dep't of Labor), Holly Sample (University Schools), Robert Williams (Greeley), Jef Fugita (Jeffco), Brad Ray (Garfield 16), Sarah Heath (CCCS), Scott Fast (Business Consultant), Kim Caplan (Charter School Institute), Patti Turner (Littleton), Joe Southcott (Pikes Peak Community College), Carl Einhaus (Dep't of Higher Ed), Elliott Asp (Facilitator); Misti Ruthven and Robin Russel (CDE), Cori Hunt (note taker, CDE)</p> <p>Guests: Charles Dukes (Aurora), Katie Romero (Adams 12), Sheila Pottorff (Poudre), Paul Francisco (SD27J), Marina Kokotovic, Angela Landrum and Jared Anthony (CDE)</p>	
	<p>The following notes attempt to capture presentations to, and comments and conversations by the members of the Assessment Work Group.</p> <p>The products included herein are not endorsed by CDE. The presenters are guest speakers, and they have been invited by CDE to inform the Assessment Work Group about the measures and assessments.</p>	
1	<p>Review of Notes and Presentations to Date</p> <p>The Assessment Work Group is charged to provide recommendations to the CDE for additions and revisions to the Graduation Guidelines Menu of Options</p> <ul style="list-style-type: none"> Identify options that no longer work Revise cut-scores or other indicators of PWR Identify new demonstrations of PWR in ELA and math that could be added to the menu <p>Decision Making</p> <ul style="list-style-type: none"> Reach consensus <ul style="list-style-type: none"> "I can support the general view of the group, even if I don't agree with every specific point" If we cannot reach consensus, the facilitator will make the decision based on the general feeling of the group If need be, we can produce a "minority opinion" <p>Consider these questions:</p> <ul style="list-style-type: none"> What does the measure add to the menu? Is it aligned with Postsecondary and Workforce Readiness (PWR)? Is it feasible for most districts to implement? <div data-bbox="933 1564 1226 1774" style="text-align: center;"> </div>	Elliott Asp

2	<p>PRESENTATION: High School Equivalency, Marina Kokotovic HSE Coordinator, CDE CDE webpage: High School Equivalency Testing Program.</p> <p>Colorado has had an equivalency exam in place since 1995. In April 2016, the Colorado State Board of Education approved the use of three nationally recognized high school equivalency tests for students, 17 years old and older, to receive a Colorado High School Equivalency (HSE) diploma. All are cross-walked with Colorado Academic Standards.</p> <ul style="list-style-type: none"> • GED: General Educational Development (GED®) Test, GED Testing Service (GEDTS®); • HiSet: High School Equivalency Test, Educational Testing Service (ETS); and • TASC: Test Assessing Secondary Completion. Data Recognition Corporation (DRC) <p>The vendors each made presentations to the Assessment Work Group and then answered questions.</p>	Marina Kokotovic
3	<p>PRESENTATION: High School Equivalency - GED, http://www.gedtesting.com Guest Speaker: Scott Salesses, State Relationship Manager, GED Testing Service</p> <ul style="list-style-type: none"> • Content areas: ELA, Math, Social studies, science. • Different question types (as with most tests) • Available in Spanish and English – <ul style="list-style-type: none"> ○ Possibility of having both cut scores of English and Spanish - students ready for workplace. Transcripts in both languages identified • Measures career and college readiness (as measured by CCR adult education) in addition to high school equivalency <ul style="list-style-type: none"> ○ High School Equivalent: score 145-164. Must score 145 to receive GED diploma ○ Aligns with CCR/PWR: <ul style="list-style-type: none"> * GED College Ready: score 165-174 : placed into college courses * GED College Ready plus: score 175-200: Can earn up to 10 college credits (similar to AP) • Psychometric Properties with Blue Print of test. See attachment, <i>Assessment Guide for Educators</i> • Released new GED test in 2014 with a goal to have a whole new experience with the test and the process to take the test. • Computer platform – 7 ½ hours average for the entire test • GED portal is available, pretest resources available • Cost: \$37.50/subject, \$150 total. Pay as you go. Discounted for retakes • Accommodations available. <p>Resources (Please see attachments on CDE webpage, Assessment Workgroup)</p> <ul style="list-style-type: none"> • http://www.gedtesting.com • Colorado Academic Standards/GED Test Crosswalk • Assessment Guide for Educators - this is a lengthy document and we are not expecting the AWG to read every word of it, however I thought it would be useful for them to have it. • Colorado Community College System document in regard to adopting the American Council on Education (ACE) Credit Recommendations for the GED Test • ACE Credit Recommendation. Key info is at the bottom under "Courses/Exams": http://www2.acenet.edu/credit/?fuseaction=browse.getOrganizationDetail&FICE=1008367 	Scott Salesses

<p>4</p>	<p>PRESENTATION: High School Equivalency - HiSet www.HiSET.ets.org</p> <p>Guest Speaker: Sara Sarmiento Querubin, Director, High School Equivalency Test (HiSET®), Educational Testing Service</p> <ul style="list-style-type: none"> • Provides out of school youth and adult learners an equivalent test that is measured to high school standards • Content areas: reading, writing, math, science and social studies • Testing time 7 ½ hours for all 5 tests • Cut scores for College and Career level: min 15 of 20 on each test, 4 on essay section. Cut scores for high school equivalency: min of 8 on each subtest, min score of 2 on the essay, and combined total score of 45 for the battery (5 subject tests) • Beyond High School: shows performance in each category • Upon successful completion of the HiSET, students receive a college and Career Opportunities report from HiSET that includes job opportunity based on the scores on the test and higher-education opportunities based on their regional area. • High School Equivalency credential is issued by the state. • New items introduced each year and content development is done yearly to remain relevant • Essay section scored by humans that are trained to ensure accuracy • Accommodations available, offered in English and Spanish, and computer/paper formats • State approves testing centers • Cost: \$27.50/text x 5 = \$137.50 <p>Resources</p> <ul style="list-style-type: none"> • HiSET Test At A Glance – this is the blueprint of the HiSET test. Also contains reference to College and Career Readiness Standards in the Math, ELA Writing and ELA Reading content areas. https://hiset.ets.org/s/pdf/2017_taa.pdf • Standard Setting Report - https://hiset.ets.org/s/pdf/2014_standard_settings.pdf • 2015 Annual Statistical Report - https://hiset.ets.org/s/pdf/2015_annual_statistical_report.pdf This report does not include any details about Colorado because HiSET was not administered in Colorado until September 2016. • Overview of the HiSET Research Agenda - https://www.ets.org/c/36117/pdf/hiset-research-update.pdf 	<p>Sara Sarmiento Querubin</p>
<p>5</p>	<p>PRESENTATION: High School Equivalency - TASC, www.tasctest.com</p> <p>Guest Speaker: Michael Johnson, Data Recognition Corporation</p> <ul style="list-style-type: none"> • 16 States recognize TASC • 5 part test – Reading, writing, math, science, social studies. fully accommodated, English and Spanish • Writing offers essay and must have a min score of 2 • Depth of knowledge has increased in recent years, and questions have been changed to make those sections more rigorous • Math is broken into calculator and no calculator questions. • Passing score is 500 in each subject area • Achievement score for college ready: 560 and a 6 out of 8 on the essay section • Online test engine is available for the test and process • Cost: \$28.30/test for a total of \$141.50; 2 free retests <p>Resources</p> <p>www.tasctest.com and www.tasctest.com/resources.html</p>	<p>Michael Johnson</p>

<p>6</p>	<p>DISCUSSION: High School Equivalency The work group was divided into four smaller groups to detail pros and cons of HSE</p> <p>Decision: Should HSE be added to the menu?</p> <table border="1" data-bbox="203 352 1334 646"> <thead> <tr> <th data-bbox="203 352 769 386">Pro:</th> <th data-bbox="769 352 1334 386">Con:</th> </tr> </thead> <tbody> <tr> <td data-bbox="203 386 769 646"> Gateway for some students SBE approved, already exists Evidence-based approach to standards Cut scores exist English and Spanish CCR standard for adults – provides feedback Hits the academic bar </td> <td data-bbox="769 386 1334 646"> Cost and Accessibility Student who receives HSE diploma counted as a completer, not a graduate Many districts require student to dis-enroll to take HSE assessment (perceived state rule?) Testing center equity (GED uses AI scoring for written assessment) </td> </tr> </tbody> </table> <p>Needs Clarification: Would a score in English and/or Spanish count for HSE and on GG menu? Would the HSE score (or diploma?) be in addition to AU graduation credit requirements or in lieu of?</p>	Pro:	Con:	Gateway for some students SBE approved, already exists Evidence-based approach to standards Cut scores exist English and Spanish CCR standard for adults – provides feedback Hits the academic bar	Cost and Accessibility Student who receives HSE diploma counted as a completer, not a graduate Many districts require student to dis-enroll to take HSE assessment (perceived state rule?) Testing center equity (GED uses AI scoring for written assessment)	<p>Elliott</p>
Pro:	Con:					
Gateway for some students SBE approved, already exists Evidence-based approach to standards Cut scores exist English and Spanish CCR standard for adults – provides feedback Hits the academic bar	Cost and Accessibility Student who receives HSE diploma counted as a completer, not a graduate Many districts require student to dis-enroll to take HSE assessment (perceived state rule?) Testing center equity (GED uses AI scoring for written assessment)					
<p>7</p>	<p>PRESENTATION: Test of Adult Basic Education (TABE) Guest Speaker: Michael Johnson, Data Recognition Corporation</p> <ul style="list-style-type: none"> • Content, grades 1-12 for adult learners • Government regulated: WIOA funding, Title II. Federal funding arm for adult education. Meets federal accountability standards • Level A: 9-12, HS level content, scores show grade-equivalent, i.e. 1 (1st grade) - 12.9 (12th +) • TABE 11-12 coming • Alternative to ACCUPLACER for some pathways (see Kentucky) • Reading, math, language • Normed and criteria based, scale scores = grad equivalent • Paper/pencil or computer • Don't need a testing center to administer TABE • Cost: \$2.25/content area <p>Resources:</p> <ul style="list-style-type: none"> • www.tabetest.com • http://www.tabetest.com • http://tabetest.com/resources-2/testing-information/blue-prints/ • 11 & 12 Blueprint overview: Language, Reading, Mathematics <p>Discussion:</p> <table border="1" data-bbox="203 1570 1334 1768"> <thead> <tr> <th data-bbox="203 1570 769 1604">Pro</th> <th data-bbox="769 1570 1334 1604">Con</th> </tr> </thead> <tbody> <tr> <td data-bbox="203 1604 769 1768"> Evidence-based cut score Workforce-ready choice Easy to administer Cost effective, easily available Another opportunity for students </td> <td data-bbox="769 1604 1334 1768"> Form 11/12 includes higher level of content for placement purpose. Above career ready? Cut points seem to be organizationally dependent (i.e. different scores accepted at different schools) </td> </tr> </tbody> </table> <p>Considerations: Combine TABE with Industry Certification?</p>	Pro	Con	Evidence-based cut score Workforce-ready choice Easy to administer Cost effective, easily available Another opportunity for students	Form 11/12 includes higher level of content for placement purpose. Above career ready? Cut points seem to be organizationally dependent (i.e. different scores accepted at different schools)	<p>Michael Johnson</p>
Pro	Con					
Evidence-based cut score Workforce-ready choice Easy to administer Cost effective, easily available Another opportunity for students	Form 11/12 includes higher level of content for placement purpose. Above career ready? Cut points seem to be organizationally dependent (i.e. different scores accepted at different schools)					

8	<p>PRESENTATION: NWEA/Maps Testing Guest Speakers: Nate Jensen and Angie Shook</p> <ul style="list-style-type: none"> • Vertically scaled academic test • Designed to measure growth over time • 6,600 school systems in the US, 240 in Colorado • Math, Reading, Science and Language, 40-60 minutes to complete per test • Student scores available immediately • Re-norm every 3 years in terms of content • Monitor multiple points toward goal • Highest level: 10th grade • Colorado districts could/do test in 11th and 12 grades for general math/reading benchmarks, up to, for example elementary algebra. Test is predictive. • College Readiness Benchmarks (ACT) – soon to be SAT <ul style="list-style-type: none"> ○ Benchmarks for students grades 5-9 in math and reading ○ Longitudinal data used to determine benchmarks that align with ACT standards ○ Benchmarks are measured in comparison to a 22 and a 24 on ACT ○ Benchmarks can be provided for all scores to fit each state’s needs. • College Explorer Tool <ul style="list-style-type: none"> ○ Compares college standards per school and ties to outcomes to better roadmap <p>Resources:</p> <ul style="list-style-type: none"> • https://www.nwea.org/ • Attachment: MAP overview • Attachment: MAP College Readiness Benchmarks research study <p>Discussion:</p> <table border="1" data-bbox="203 1178 1333 1409"> <thead> <tr> <th data-bbox="203 1178 769 1213">Pro</th> <th data-bbox="769 1178 1333 1213">Con</th> </tr> </thead> <tbody> <tr> <td data-bbox="203 1213 769 1409"> Instructional component built in Already in use Affordable price Shows growth over time Lets parents know their children are on track. Yes! Please </td> <td data-bbox="769 1213 1333 1409"> Predictive vs achievement on grade content standards (also applies to PSAT) Predictive scores are not definitive Cut scores? Cost – particularly for small district Not sure how to use for high school CCR </td> </tr> </tbody> </table> <p>Consideration: Could NWEA score/growth be part of a portfolio demonstration?</p>	Pro	Con	Instructional component built in Already in use Affordable price Shows growth over time Lets parents know their children are on track. Yes! Please	Predictive vs achievement on grade content standards (also applies to PSAT) Predictive scores are not definitive Cut scores? Cost – particularly for small district Not sure how to use for high school CCR	Nate Jensen and Angie Shook
Pro	Con					
Instructional component built in Already in use Affordable price Shows growth over time Lets parents know their children are on track. Yes! Please	Predictive vs achievement on grade content standards (also applies to PSAT) Predictive scores are not definitive Cut scores? Cost – particularly for small district Not sure how to use for high school CCR					
	<p>Next Meeting:</p> <p>Wednesday, June 7 Lowry Conference Center, Room 200B 1061 Akron Way, Denver 80230 9:00 a.m. – 3:00 p.m.</p>					