

**Approved Facility Schools**  
**Appendix 1**  
**Science Connections to Common Core State Standards**  
**2<sup>nd</sup> Grade**

ELA/Literacy:

- **RI.2.1** Ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text. (2-PS1-4) (2-ESS1-1) (K-2-ETS1-1)
- **RI.2.3** Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text. (2-PS1-4) (2-ESS1-1) (2-ESS2-1)
- **RI.2.8** Describe how reasons support specific points the author makes in a text. (2-PS1-2) (2-PS1-4)
- **RI.2.9** Compare and contrast the most important points presented by two texts on the same topic. (2-ESS2-1)
- **W.2.1** Write opinion pieces in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use linking words (e.g., because, and, also) to connect opinion and reasons, and provide a concluding statement or section. (2-PS1-4)
- **W.2.6** With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers. (2-ESS1-1) (2-ESS2-3) (K-2-ETS1-1) (K-2-ETS1-3)
- **W.2.7** Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations). (2-PS1-1) (2-PS1- 2) (2-PS1-3) (2-LS2-1) (2-LS4-1) (2-ESS1-1)
- **W.2.8** Recall information from experiences or gather information from provided sources to answer a question. (2-PS1-1) (2-PS1-2) (2-PS1-3) (2-LS2-1) (2-LS4-1) (2-ESS1-1) (2-ESS2-3) (K-2-ETS1-1) (K-2-ETS1-3)
- **SL.2.2** Recount or describe key ideas or details from a text read aloud or information presented orally or through other media. (2-ESS1-1)
- **SL.2.5** Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings. (2-LS2-2) (2-ESS2-2) (K-2-ETS1-2)

Mathematics:

- **MP.2** Reason abstractly and quantitatively. (2-PS1-2) (2-LS2-1) (2-LS4-1) (2-ESS1-1) (2-ESS2-1) (2-ESS2-2) (K-2-ETS1-1) (K-2-ETS1-3)
- **MP.4** Model with mathematics. (2-PS1-1) (2-PS1-2) (2-LS2-1) (2-LS2-2) (2-LS4-1) (2-ESS1-1) (2-ESS2-1) (2-ESS2-2) (K-2-ETS1-1) (K-2-ETS1-3)
- **MP.5** Use appropriate tools strategically. (2-PS1-2) (2-LS2-1) (2-ESS2-1) (K-2-ETS1-1) (K-2-ETS1-3)
- **2.NBT.A** Understand place value. (2-ESS1-1)
- **2.NBT.A.3** Read and write numbers to 1000 using base-ten numerals, number names, and expanded form. (2-ESS2-2)

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- **2.MD.B.5** Use addition and subtraction within 100 to solve word problems involving lengths that are given in the same units, e.g., by using drawings (such as drawings of rulers) and equations with a symbol for the unknown number to represent the problem. (2-ESS2-1)
- **2.MD.D.10** Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph. (2-PS1-1) (2-PS1-2) (2-LS2-2) (2-LS4-1) (K-2-ETS1-1) (K-2-ETS1-3)