

Code in Class Cross-Curricular Standards

Lesson 2.4					
	ELA	Math	Next Gen Science Standards	C3 Social Studies	Computer Science
Grade 2	<p>CCSS.ELA-LITERACY.SL.2.2: Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.</p> <p>CCSS.ELA-LITERACY.L.2.4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies.</p> <p>CCSS.ELA-LITERACY.RI.2.4 Determine the meaning of words and phrases in a text relevant to a grade 2 topic or subject area.</p> <p>CCSS.ELA-LITERACY.RI.2.5 Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.</p>	N/A	<p>Develop a simple model based on evidence to represent a proposed object or tool. (K-2-ETS1-2)</p> <p>Engineering Design Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. (K-2-ETS1-2)</p> <p>There are many different kinds of living things in any area, and they exist in different places on land and in water. (2-LS4-1)</p>	<p>D2.Civ.9.K-2. Follow agreed-upon rules for discussions while responding attentively to others when addressing ideas and making decisions as a group.</p> <p>D2.Civ.7.K-2. Apply civic virtues when participating in school settings.</p>	<p>1A-AP-10 Develop programs with sequences and simple loops, to express ideas or address a problem.</p> <p>1A-AP-15 Using correct terminology, describe steps taken and choices made during the iterative process of program development.</p>

Grade 3	<p>CCSS.ELA-LITERACY.SL.3.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on <i>grade 3 topics and texts</i>, building on others' ideas and expressing their own clearly.</p> <p>CCSS.ELA-LITERACY.L.3.4: Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies</p> <p>CCSS.ELA-LITERACY.RI.3.4 Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.</p> <p>CCSS.ELA-LITERACY.RI.3.5 Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.</p> <p>CCSS.ELA-LITERACY.RI.3.7 Use information gained from illustrations (e.g., maps, photographs) and</p>	N/A	<p>Populations live in a variety of habitats, and change in those habitats affects the organisms living there. (3-LS4-4)</p> <p>3-LS4-3 Biological Evolution: Unity and Diversity Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.</p> <p>Research on a problem should be carried out before beginning to design a solution. Testing a solution involves investigating how well it performs under a range of likely conditions. (3-5-ETS1-2)</p>	D2.Civ.7.3-5. Apply civic virtues and democratic principles in school settings.	<p>1B-DA-06 Organize and present collected data visually to highlight relationships and support a claim.</p> <p>1B-AP-10 Create programs that include sequences, events, loops, and conditionals.</p> <p>1B-AP-16 Take on varying roles, with teacher guidance, when collaborating with peers during the design, implementation, and review stages of program development.</p> <p>1B-AP-17 Describe choices made during program development using code comments, presentations, and demonstrations.</p>
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	the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).				
Grade 4	<p>CCSS.ELA-LITERACY.SL.4.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on <i>grade 4 topics and texts</i>, building on others' ideas and expressing their own clearly.</p> <p>CCSS.ELA-LITERACY.SL.4.1.B: Follow agreed-upon rules for discussions and carry out assigned roles.</p> <p>CCSS.ELA-LITERACY.SL.4.2 Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.</p> <p>CCSS.ELA-LITERACY.RI.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.</p>	N/A	<p>Populations live in a variety of habitats, and change in those habitats affects the organisms living there. (3-LS4-4)</p> <p>3-LS4-3 Biological Evolution: Unity and Diversity Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.</p> <p>Research on a problem should be carried out before beginning to design a solution. Testing a solution involves investigating how well it performs under a range of likely conditions. (3-5-ETS1-2)</p>	D2.Civ.7.3-5. Apply civic virtues and democratic principles in school settings.	<p>1B-DA-06 Organize and present collected data visually to highlight relationships and support a claim.</p> <p>1B-AP-10 Create programs that include sequences, events, loops, and conditionals.</p> <p>1B-AP-16 Take on varying roles, with teacher guidance, when collaborating with peers during the design, implementation, and review stages of program development.</p> <p>1B-AP-17 Describe choices made during program development using code comments, presentations, and demonstrations.</p>