**Standards Targeted**

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| **Standard** | **Module 1** | **Module 2** | **Module 3** | **Module 4** |
| Science:  4-LS1.1: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. | x |  | X |  |
| Science and Engineering Practices: Asking questions and defining problems. | X | X | X |  |
| Science and Engineering Practice: Developing and using models. |  | x | X |  |
| Science and Engineering Practice: Planning and carrying out investigations. |  | X | X |  |
| Science and Engineering Practice: Analyzing and interpreting data. |  | X | X |  |
| Science and Engineering Practice: Using mathematics and computational thinking. | X | X | X | X |
| Science and Engineering Practice: Constructing explanations and designing solutions. |  | X | X |  |
| Science and Engineering Practice: Engaging in argument from evidence. |  | X | X | X |
| Science and Engineering Practice: Obtaining, evaluating and communicating information | X | X | X | X |
| Math: M.4.OA.3: solve multi-step word problems posed with whole number and having whole-number answers using the four operations, including problems in which remainders must be interpreted, represent these problems using equations with a letter standing for the unknown quantity and assess the reasonableness of answers using mental computations and estimation strategies including rounding. |  | X |  |  |
| Math: M.4.MD.1: know relative sizes of measurement units within one system of units including km, m, cm; kg, g; lb, oz.; l, ml; hr, min, sec, within a single system of measurement, express measurements in a larger unit in terms of a smaller unit, record measurement equivalents in a two column table, (For example, know that 1 ft is 12 times as long as 1 in. Express the length of a 4 ft snake as 48 in.) and generate a conversion table for feet and inches listing the number pairs (1, 12), (2, 24), (3, 36) | X |  | X | X |
| Math: M.4.MD.2: use the four operations to solve word problems involving distances, intervals of time, liquid volumes, masses of objects and money, including problems involving simple fractions or decimals and problems that require expressing measurements given in a larger unit in terms of a smaller unit and represent measurement quantities using diagrams such as number line diagrams that feature a measurement scale. | x |  |  | x |
| Math: M.4.MD.3: apply the area and perimeter formulas for rectangles in real world and mathematical problems. | X |  |  | X |
| Reading/Language Arts:  ELA.4.R.C.1.4: refer to details and examples in an informational text when explaining what the text says explicitly and when drawing inferences from the text. | X |  |  |  |
| Reading/Language Arts:  ELA.4.R.C.1.5: determine the main idea of an informational text and explain how it is supported by key details; summarize the text. | X |  |  | X |
| Reading/Language Arts:  ELA.4.R.C.1.6: explain events, procedures, ideas or concepts in a historical, scientific or technical text, including what happened and why, based on specific information in the informational text. | X |  |  | X |
| Reading/Language Arts:  ELA.4.R.C3.3: interpret information presented visually, orally, or quantitatively and explain how the information contributes to an understanding of the informational text in which it appears. | X | X | X | X |
| Reading/Language Arts:  ELA.4.R.C3.5: integrate information from two informational texts on the same topic in order to write or speak about the subject knowledgeably. | X |  |  | X |
| Reading/Writing:  ELA.4.W.C9.1: Write opinion pieces on topics or texts supporting a point of view with reasons and information. | X |  | X | X |
| Reading/Writing:  ELA.4.W.C9.2: write informative/explanatory text to examine a topic and convey ideas and information clearly. |  |  |  | X |
| Reading/Writing:  ELA.4.W.C11.1: Conduct short research projects that build knowledge through investigation of different aspects of a topic. | X |  |  | X |
| Reading/Writing:  ELA.4.W.C.11.2: recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources. | X |  |  | X |
| Reading/Writing:  ELA.4.W.C12.1: write routinely over extended time frames and shorter time frames for a range of discipline-specific tasks, purposes, and audiences. | X |  | X | X |
| Reading/Speaking Listening:  ELA.4.SL.C13.1: engage effectively in a range of collaborative discussions with diverse partners on grade 4 topics and texts, building on others’ ideas and expressing their own clearly. | x |  |  | x |
| Reading/Speaking Listening:  ELA.4.SL.C14.2: add audio recordings and visual displays to presentations when appropriate to enhance the development of main ideas or themes. |  |  |  | X |
| Social Studies:  SS.4.H.CL1.2: compare and contrast community life, family roles, and social classes in colonial America. | x |  |  |  |
| Social Studies:  SS.4.H.CL1.3: compare and contrast backgrounds, motivations, and occupational skills between English, French and Spanish settlers (e.g. economics, culture, trade, new agricultural products, etc.) | x |  |  |  |
| 21st Century Skills: 21C.O.3-4.1.LS.1  Student identifies information needed to solve a problem or complete an assignment, conducts a search and prioritizes various sources based on credibility and relevance, retrieves relevant information from a variety of media sources, and uses this information to create an effective presentation. | X | X | X | X |
| 21st Century Skills: 21C.O.3-4.1.LS.3  Student articulates thoughts and ideas accurately and effectively through oral, written or multimedia communications. | x | X | X | X |
| 21st Century Skills: 21C.O.3-4.2.LS.1  Student engages, with teacher assistance, in a critical thinking process that synthesizes knowledge and ideas. |  | X | X |  |
| 21st Century Skills: 21C.O.3-4.2.LS.3  Student engages in a problem solving process that promotes questioning, planning investigations and finding answers and solutions. |  | X | X |  |
| 21st Century Skills: 21C.O.3-4.2.LS.4  Student generates ideas for solutions to problems and asks questions in order to create unusual, unique or clever products. Student begins to cognitively recognize the skills of adapting, improving, modifying and expanding existing thoughts or ideas to create products. |  | X | X |  |
| 21st Century Skills : 21C.O.3-4.3.LS.4  Student appreciates, accepts, and works cooperatively with others, in both academic and social contexts, shares responsibility for continued improvement of the academic performance and climate of the school, and exhibits ethical behavior while working alone or communicating with others. |  | X | X | X |
| 21st Century Skills: 21C.O.3-4.3.LS.6  Student focuses on the larger goal of a project, frames appropriate questions related to the goal, develops and initiates a plant of action with specific tasks and appropriate benchmarks, and completes the project on time. |  | X | X | X |
| 21st Century Skills:21C.O.3-4.1.TT.3  Student uses menu options in software applications to create documents, simple spreadsheets and presentations and to save files to various locations. Student begins to use e-mail to exchange documents with other teachers and students. Students know how to organize files through the use of folders. |  | x |  | x |
| 21st Century Skills : 21C.O.3-4.1.TT.4  Student finds, imports, inserts, and resizes or moves pictures, images and charts in word processing documents, spreadsheets, presentations and other electronic templates. |  |  |  | X |
| 21st Century Skills: 21C.O.3-4.1.TT.5  Student uses word processing software to create and format a document, use Edit menu to cut, copy, paste and change font type, size and color, select and highlight text, and other common editing features. |  | X | X | X |
| 21st Century Skills: 21C.O.3-4.1.TT.6  Student enters data into a spreadsheet, performs simple calculations, aligns data, applies different formats, and creates simple graphs and charts using the chart wizard. |  | X | X |  |
| 21st Century Skills: 21C.O.3-4.1.TT.10  Student selects and uses appropriate software, other technologies, and grade level appropriate search engines to locate and acquire information from electronic resources. Student evaluates information found for content and usefulness. |  |  | X | X |
| 21st Century Skills: 21C.O.3-4.2.TT.3  Student uses technology tools for individual and collaborative writing, communication, and publishes activities to create informative products for audiences inside and outside the classroom. |  |  | X | x |