The following are general topic areas and intended timelines for instruction. The topics and resources listed are only samples, not a complete listing. Topics are listed in the month they are most likely to be taught, but may occur earlier or later than indicated.

<table>
<thead>
<tr>
<th>Month</th>
<th>Literacy</th>
<th>Math</th>
<th>Social Studies</th>
<th>Science</th>
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| September  | **Reading:** - Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.  
- Determine the main idea of a text; recount the key details and explain how they support the main idea.  
- By the end of the year, read and comprehend literature and other texts including stories, dramas, and poetry; informational texts, including history/social studies, science, and technical texts, at the high end of the grades 2–3 text complexity band independently and proficiently.  
**Phonics and Word Recognition:** - Know and apply grade-level phonics and word analysis skills in decoding words, decode multi-syllable words.  
- Read grade-appropriate irregularly spelled words,  
- Describe characters in a story (e.g., their traits, motivations, or feelings) and explain how their actions contribute to the sequence of events.  
- Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).  
**Writing:** - Find, compare, contrast information to answer a question.  
- Write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences.  
- Operations and Algebraic Thinking:  
  - Number patterns made by adding, subtracting, and counting backward.  
  - Counting up to 100,000  
- Number and Operation in Base Ten:  
  - Place value – ones, tens, and hundreds, and thousands  
  - writing and reading number words.  
  - comparing numbers  
  - Addition and Subtraction with regrouping.  
  - Puzzles and Story problems.  
|           | **Citizenship and Government:** - Ways to make a difference  
**History:** - Timelines of important events  
**Classification of animals:** - Identify living and nonliving things  
- Identify mammals, birds, fish, reptiles, and amphibians |
| October    | **Reading:** - Recount stories, including fables, folktales, and myths from diverse cultures; determine the central message, lesson, or moral and explain how it is conveyed through key  
- Operations and Algebraic Thinking:  
  - doubles  
  - skip counting  
  - different ways to multiply  
  - Associative property  
|           | **Citizenship and Government:** - Majority rule and minority rights, class vote  
**Economics:** - Short- and long-term consequences (costs and benefits) of different choices.  
**Coding** |
| November   | **Reading:** - Describe characters in a story (e.g., their traits, motivations, or feelings) and explain how their actions contribute to the sequence of events.  
- Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).  
**Writing:** - Find, compare, contrast information to answer a question.  
- Write routinely over extended time frames and shorter time frames for a range of tasks, purposes, and audiences.  
- Operations and Algebraic Thinking:  
  - doubles  
  - skip counting  
  - different ways to multiply  
  - Associative property  
|           | **Geography:** - Maps and location  
**The state of Minnesota, the United States, the world.**  
**Light and it’s effects:** - How people see and why they see certain colors  
- Affect of light/darkness on eyes  
- light and mirrors |
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<th>Writing</th>
<th>Geometry</th>
<th>Number and Operations</th>
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<th>Geography</th>
<th>Animals Through Time</th>
<th>Electricity</th>
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<td>December</td>
<td>Describe the relationship between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text, using language that pertains to time, sequence, and cause/effect.</td>
<td>Write opinion pieces on topics or texts, supporting a point of view with reasons:</td>
<td>- sides and vertices</td>
<td>- fractions with the same denominator or same numerator</td>
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<td>- time and space in different cultures: Calendar systems: Chinese, Hindu, Mayan or Aztec, Hebrew and Islamic</td>
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<td>- Habitats, fossils, and environments over time</td>
<td>- Electrons and atoms</td>
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| **Reading:** | - Compare and contrast the themes, settings, and plots of stories written by the same author about the same or similar characters (e.g., in books from a series).  
- Compare and contrast the most important points and key details presented in two texts on the same topic. |
| **Measurement and Data:** | - Telling time with digital and analog clocks.  
- Measuring time to the minute, five minutes, quarter hour, and half hour  
- Adding and subtracting time-lapsed  
- Drawing clock faces  
- Story problems with time  
- Measurement by a half and quarter of an inch.  
- Feet, yards, cm, meters |
| **Geography:** | - Landforms and patterns in population; explain why human populations are unevenly distributed around the world. |
| **Economics:** | - Consumers: sellers and buyers. |
| **Life Science: Landforms** | - Minnesota habitats (wetlands, prairies).  
- Locating landforms on a map |

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| **Reading:** | - Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.  
- Use text features and search tools (e.g., key words, sidebars, hyperlinks) to locate information relevant to a given topic efficiently.  
- Refer to parts of stories, dramas, and |
| **Math:** | - Equations with unknowns and word problems  
- Diagrams  
- Problems with multiplication and division  
- Multistep problems  
**Rounding and Estimating:**  
- Rounding by 10s and 100s  
- Place value: ones, tens, hundreds, and thousands.  
- Estimating |
| **Review:** | - Bar graphs  
- Tree cone graphs  
- Comparing graphs  
- Analyzing graphs  
**Graphs:** |
| **Geography:** | - Methods of communication used by peoples living in ancient times (signal fires on the Great Wall of China, |
poems when writing or speaking about a text, using terms such as chapter, scene, and stanza; describe how each successive part builds on earlier sections.

**Writing:** Conduct short research projects that build knowledge about a topic. Recall information from experiences or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories.

- Peruvian Quipu, hieroglyphics.

- Compare and contrast daily life for people living in ancient times in at least three different regions of the world. (Byzantine and Muslim World Medieval Europe, Mauryan Empire from India; Han or Qin from China, Inca, Aztec, Aksum, Great Zimbabwe.)

**Citizenship and Government:**
- The three branches of government (executive, legislative, and judicial) and their primary functions.