

Foss correlations

The correlations contained within this chart were made using Minnesota Academic Standards and comparing activities that had similar student objectives and learner outcomes. Where possible, I have made direct links to FOSS lessons within each module. Where there were no distinct similarities between activities, I looked at the MN standards and made links that had general connections to the curriculum that could extend the learning opportunities provided by FOSS. There are also some specific focus recommendations for some of the PLT activities, for example: for the 3rd/4th grade measurements unit, the PLT activity #48 Field, Forest and Stream is recommended, focusing on the measurement opportunities in that PLT activity. Also, some PLT activities matched the FOSS modules very well, but were recommended for a different grade level. (See Kindergarten/Wood & Paper/Getting to Know Paper. The PLT activity #51 Make Your Own Paper is recommended for grades 1-8. With simple modifications, or perhaps the help of older student mentors, this activity meshes perfectly with the FOSS module.) There are also direct literature links between the FOSS Science Stories and the PLT recommended books. I have included these links in several places in the chart.

The different grades have been color coded for ease of usability: Kindergarten is green, 1st/2nd grade is red, 3rd/4th grade is purple, and 5th/6th grade is blue. The FOSS modules are listed in the yellow column, and the PLT activities are in the orange column.

Grade/ Strand	FOSS Module	Investigation	PLT Activity	MN Science Standards Benchmarks
1 st /2 nd Life Science	New Plants	Brassica Seeds Grass and Grain Seeds Stems Bulbs and Roots	#8: The Forest of S.T.Shrew #16: Pass The Plants, Please: Part A #27: Every Tree For Itself #41: How Plants Grow: Variation #42: Sunlight and Shades of Green # 43: Have seeds will travel # 47: Are vacant Lots Vacant? Variation (focus on plants) # 48: Field, Forest and Stream: variation (focus on plants) #63: Tree Factory (variation) #70: Soil Stories Part A #76: Tree Cookies (variation) #79: Tree Lifecycle: (Variation)	Science: 1st grade: I, B, 1: Observe, describe, measure, compare and contrast common objects, using simple tools including but not limited to ruler, thermometer and balance. III, B, 1: Observe record and describe characteristics in daily weather and seasonal cycles. IV, B, 1: Observe and describe how plants and animals grow and change. IV, F, 1: Know that animals need air, water and food and that plants require air, water, nutrients and light. 2nd grade: I, A, 1: Recognize that repeating a scientific investigation will lead to very similar results. 2: Recognize that scientific investigations generally work the same way in different places. 4: Recognize that everyone can do science and invent things and ideas. I, B, 1: Use appropriate tools to gather and organize data. III, A, 1: Observe and describe rocks, soil, water and air. IV, C, 1: Observe and describe some features of plants and animals that allow them to live in specific environments. IV, F, 1: Observe and describe predator and prey relationships. Social Studies K-3: VI, B, 1: Students will recognize and explain that natural resources, human resources and human-made resources are used in the production of goods and services. Language Arts: 1st Grade: I, B, 1: Learn new words through explicit instruction and independent reading. 2: Use descriptive words when speaking of people places, things, actions and events. 4: Use context to predict and infer word meanings. I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text. 4: Make predictions of outcomes and verify from texts. 5: Identify or infer topic. 6: Make simple inferences and draw and support conclusions. 7: Use story illustrations to enhance comprehension. 8: Write or draw a response that shows comprehension of a story that has been read. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters setting and sequences of story events. 3: Respond to text and use details from stories to support interpretation and make personal connections. 4: Retell familiar stories using a beginning, middle and end. 5: Read and listen to selections for personal enjoyment. 6: Understand the role of illustrations in conveying meaning in picture books. II, A, 2: Use informal writing to record information or observations. II, C, 6: Spell 3-4 letter words correctly. 7: Spell grade appropriate words correctly in final draft. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 3: Attend to and understand the meaning of messages. 5: Recite and respond to stories, poems, rhymes and songs with expression. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independent reading. 2: Use a growing range of descriptive words when speaking of people, places, things, actions and events. 3: Use context and word structure to help determine a word's meaning. I, C, 1: Read aloud grade-appropriate texts (that have not been previewed) with accuracy and comprehension. 2: Recall and use prior learning and preview text to prepare for reading. 3: Analyze text by using pictures, diagrams, titles and headings. 5: Restate the sequence of events or ideas in a text, and summarize. 6: Identify the topic, facts and supporting details in non-fiction texts. 7: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and

1 st /2 nd Life Science	New Plants	<p>Brassica Seeds</p> <p>Grass and Grain Seeds</p> <p>Stems</p> <p>Bulbs and Roots</p>		<p>informational texts.</p> <p>8: Make predictions about text and verify outcomes.</p> <p>9: Summarize text.</p> <p>10: Follow two-step written directions.</p> <p>I, D, 1: Read from and listen to texts representing a variety of genres (such as poetry, folk tales, drama, fantasy, realistic fiction, informational and biography) from America, as well as from other countries.</p> <p>2: Identify and describe main characters, settings and plot.</p> <p>3: Use details from the story to support interpretation.</p> <p>7: Read selections for personal enjoyment.</p> <p>II, A, 1: Write in a variety of modes to express meaning including: a. narrative, b. informal, and c. functional.</p> <p>II, E, 1: Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers.</p> <p>III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups.</p> <p>2: Comprehend text or information presented orally.</p> <p>5: report on a topic by sharing facts, opinions ideas, prior knowledge or personal experiences in a logical sequence.</p> <p>6: Recite and respond to stories, poems, rhymes and songs with expression.</p> <p>Mathematics:</p> <p>1st Grade:</p> <p>III, A, 1: Sort, classify, and compare objects in a set in more than one way.</p> <p>2: Recognize, describe and extend repeating patterns involving up to four elements.</p> <p>IV, A, 1: Gather and record data about classmates and their surroundings in a simple graph.</p> <p>2: Identify patterns in simple graphs.</p> <p>2nd Grade:</p> <p>IV, A, 1: Collect and record categorical data.</p> <p>3: Identify patterns in graphs or data sets.</p>
1 st /2 nd Life Science	Insects	<p>Meal Worms</p> <p>Waxworms</p> <p>Milkweed Bugs</p> <p>Silkworms</p> <p>Butterflies</p> <p>Other Insects</p>	<p>#3: Peppermint Beetle</p> <p>#8: The Forest of S.T. Shrew</p> <p>#22: Trees as Habitats</p> <p>#23: The Fallen Log (modified for grade level)</p> <p>#24: Nature's Recyclers</p> <p>#25: Birds and Worms</p> <p>#46: Schoolyard Safari</p> <p>#47: Are Vacant Lots Vacant?(variation) (focus on insects)</p> <p>#48: Field Forest and Stream(variation) (focus on insects)</p>	<p>Science:</p> <p>1st Grade:</p> <p>IV, F, 1: Know that animals need air, water and food and that plants require air, water, nutrients and light.</p> <p>2nd Grade:</p> <p>II, A, 1: Sort and classify objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets.</p> <p>IV, B, 1: Describe life cycles of plants and animals.</p> <p>IV, C, 1: Observe and describe some features of plants and animals that allow them to live in specific environments.</p> <p>Language Arts:</p> <p>1st Grade:</p> <p>I, B, 1: Learn new words through explicit instruction and independent reading.</p> <p>2: Use descriptive words when speaking of people places, things, actions and events.</p> <p>4: Use context to predict and infer word meanings.</p> <p>I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text.</p> <p>4: Make predictions of outcomes and verify from texts.</p> <p>5: Identify or infer topic.</p> <p>6: Make simple inferences and draw and support conclusions.</p> <p>7: Use story illustrations to enhance comprehension.</p> <p>8: Write or draw a response that shows comprehension of a story that has been read.</p> <p>I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries.</p> <p>2: Identify and describe main characters setting and sequences of story events.</p> <p>3: Respond to text and use details from stories to support interpretation and make personal connections.</p> <p>4: Retell familiar stories using a beginning, middle and end.</p> <p>5: Read and listen to selections for personal enjoyment.</p> <p>6: Understand the role of illustrations in conveying meaning in picture books.</p> <p>II, A, 1: Write in a variety of modes to express meaning, including: a. narrative, b. informative, c. poetic.</p> <p>2: Use informal writing to record information or observations.</p> <p>II, B, 1: Write sentences using a process and strategies to plan, compose, revise and edit.</p> <p>II, C, 1: Use a period after sentences, numerals and initials.</p> <p>2: Capitalize the first letter of proper names, the pronoun <i>I</i>, and the first words of sentences.</p>

1 st /2 nd Life Science	Insects	Meal Worms Waxworms Milkweed Bugs Silkworms Butterflies Other Insects		<p>3: Use question marks and exclamation marks. 4: Compose simple sentences. 5: Use correct spelling for grade-appropriate high frequency sight words. 6: Spell 3-4 letter words correctly. II, D, 1: Use grade level appropriate reference material to obtain information. II, E, 1: Improve the formation of uppercase and lowercase letters of the alphabet and numbers. 2: Space words and sentences appropriately. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions 3: Attend to and understand the meaning of messages. 4: Communicate needs, feelings and ideas to peers and adults in complete sentences. 5: Recite and respond to stories, poems, rhymes and songs with expression. 7: Ask and respond to questions. III, B, 1: Follow print from left to right and top to bottom. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independently. 2: Use growing range of descriptive words when speaking of people, places, things, actions and events. 3: Use context and word structure to help determine a word's meaning. I, C, 1: Read aloud grad-appropriate texts (that have not been previewed) with accuracy and comprehension. 2: Recall and use prior learning and preview text to prepare for reading. 3: Analyze text by using pictures, diagrams, titles and headings. 5: Restate the sequence of events or ideas in a text, and summarize. 6: Identify the topic, facts and supporting details in non-fiction texts. 7: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational texts. 8: Make predictions about text and verify outcomes. 9: Summarize text. 10: Follow two-step written directions. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters, settings and plot. Use details from the story to support interpretation. 7: Read selections for personal enjoyment. II, A, 1: Write in a variety of modes to express meaning, including: narrative informal and functional. 2: Use informal writing skills, such as note taking, listing, and mapping to record information or observations. II, B, 1: Write sentences employing the composing processes of pre-writing, writing, revising, editing and final copy. II, E, 1: Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups. 2: Comprehend text or information presented orally. 3: Follow two or three step oral directions. 5: Report on a topic by sharing facts, opinions, ideas, prior knowledge or personal experiences in a logical sequence. 6: Recite and respond to stories, poems, rhymes and songs with expression. Mathematics: 1st Grade: III, A, 1: Sort, classify, and compare objects in a set in more than one way. 2: Recognize, describe and extend repeating patterns involving up to four elements. IV, A, 1: Gather and record data about classmates and their surroundings in a simple graph. 2: Identify patterns in simple graphs. 2nd Grade: IV, A, 1: Collect and record categorical data. 2: Create pictographs and real-object graphs to represent data. 3: Identify patterns in graphs or data sets</p>
1 st /2 nd Earth Science	Air & Weather	Exploring Air	#18 Tale of the Sun #36 Pollution Search	Social Studies: K-3: IV, B, 1: Identify, describe, and extract information from various types of historical sources, both primary and secondary.

<p>1st/2nd Earth Science</p>	<p>Air & Weather</p>	<p>Exploring Air</p>		<p>Language Arts: 1st Grade: I, B, 1: Learn new words through explicit instruction and independent reading. 2: Use descriptive words when speaking of people places, things, actions and events. 3: Identify and generate antonyms and synonyms, and use them to understand and express word meaning. 4: Use context to predict and infer word meanings. I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text. 2: Recall and use prior learning and preview text to prepare for reading. 4: Make predictions of outcomes and verify from texts. 5: Identify or infer topic. 6: Make simple inferences and draw and support conclusions. 7: Use story illustrations to enhance comprehension. 8: Write or draw a response that shows comprehension of a story that has been read. 9: Relate texts to prior knowledge and experiences. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters setting and sequences of story events. 3: Respond to text and use details from stories to support interpretation and make personal connections. 4: Retell familiar stories using a beginning, middle and end. 5: Read and listen to selections for personal enjoyment. 6: Understand the role of illustrations in conveying meaning in picture books. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions. 3: Attend to and understand the meaning of messages. 4: Communicate needs, feelings and ideas to peers and adults in complete sentences. 6: Use voice level appropriate for language situation. 7: Ask and respond to questions. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independent reading. 2: Use a growing range of descriptive words when speaking of people, places, things, actions and events. 3: Use context and word structure to help determine a word's meaning. II, C, 5: Restate the sequence of events or ideas in a text, and summarize. 6: Identify the topic, facts and supporting details in nonfiction texts. II, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups. 2: Comprehend text or information presented orally. 3: Follow two or three-step oral directions. 6: Recite and respond to stories, poems, rhymes and songs with expression. 7: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational texts. 8: Make predictions about text and verify outcomes. 9: Summarize text. 10: Follow two-step written directions. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters, settings and plot. 3: Use details from the story to support interpretation. 4: Compare and contrast works by different authors in the same genre or regarding the same theme. 5: Compare and contrast two works by the same author. 6: Critically read and evaluate texts to determine the author's purpose. 7: Read selections for personal enjoyment. II, B, 2: Use verbalization to prepare for writing.</p>
<p>1st/2nd Earth Science</p>	<p>Air & Weather</p>	<p>Observing Weather</p>	<p># 49 Tropical Treehouse variation</p>	<p>Science: 1st grade: I, B, 1: Observe, describe, measure, compare and contrast common objects, using simple tools including but not limited to ruler, thermometer and balance.</p>

1st/2 nd Earth Science	Air & Weather	Observing Weather		<p>III, B, 1: Observe record and describe characteristics in daily weather and seasonal cycles.</p> <p>2nd grade:</p> <p>I, A, 1: Recognize that repeating a scientific investigation will lead to very similar results.</p> <p>2: Recognize that scientific investigations generally work the same way in different places.</p> <p>4: Recognize that everyone can do science and invent things and ideas.</p>
1st/2 nd Earth Science	Air & Weather	Wind Explorations	<p>#39 Energy Sleuths (Part A)</p> <p># 48 Field, Forest, and Stream (variation)</p>	<p>Science:</p> <p>1st grade:</p> <p>I, B, 1: Observe, describe, measure, compare and contrast common objects, using simple tools including but not limited to ruler, thermometer and balance.</p> <p>III, B, 1: Observe record and describe characteristics in daily weather and seasonal cycles.</p> <p>2nd grade:</p> <p>I, A, 1: Recognize that repeating a scientific investigation will lead to very similar results.</p> <p>2: Recognize that scientific investigations generally work the same way in different places.</p> <p>4: Recognize that everyone can do science and invent things and ideas.</p>
1st/2 nd Earth Science	Air & Weather	Looking for change	<p>#65 Bursting Buds</p> <p>#78 Signs of Fall</p> <p>#79 Tree Lifecycle (variation)</p>	<p>Science:</p> <p>1st grade:</p> <p>III, B, 1: Observe record and describe characteristics in daily weather and seasonal cycles.</p> <p>IV, B, 1: Observe and describe how plants and animals grow and change.</p> <p>IV, F, 1: Know that animals need air, water and food and that plants require air, water, nutrients and light.</p> <p>2nd grade:</p> <p>I, B, 1: Use appropriate tools to gather and organize data.</p> <p>IV, B, 1: Describe life cycles of plants and animals.</p> <p>Language Arts:</p> <p>1st Grade:</p> <p>I, B, 1: Learn new words through explicit instruction and independent reading.</p> <p>2: Use descriptive words when speaking of people places, things, actions and events.</p> <p>4: Use context to predict and infer word meanings.</p> <p>7: Use story illustrations to enhance comprehension.</p> <p>8: Write or draw a response that shows comprehension of a story that has been read.</p> <p>II, A, 2: Use informal writing to record information or observations.</p> <p>III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions.</p> <p>2: Follow two- or three-step oral directions.</p> <p>4: Communicate needs, feelings and ideas to peers and adults in complete sentences.</p> <p>2nd Grade:</p> <p>I, B, 1: Learn and use new words through explicit instruction and independent reading.</p> <p>2: Use a growing range of descriptive words when speaking of people, places, things, actions and events.</p> <p>II, B, 2: Use verbalization to prepare for writing.</p> <p>III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups.</p> <p>2: Comprehend text or information presented orally.</p>
1 st /2 nd Earth Science	Pebbles, Sand and Silt	First Rocks River Rocks Using Rocks	<p>#15: A Few of My Favorite Things</p> <p>#39 Energy Sleuths Part A</p> <p>#82 Resource-Go- Round (modified for grade level)</p> <p>#87: Earth Manners</p> <p>#89: Trees for many reasons</p>	<p>Social Studies K-3:</p> <p>VI, A, 1: 3: Students will understand and explain that the concept of scarcity means that one cannot have all the goods and services that one wants.</p> <p>4: Students will give examples of tradeoffs.</p> <p>Language Arts:</p> <p>1st Grade:</p> <p>I, A, 1: Identify letters, words and sentences.</p> <p>2: Match spoken words with print.</p> <p>I, B, 2: Use descriptive words when speaking of people places, things, actions and events.</p> <p>3: Identify and generate antonyms and synonyms, and use them to understand and express word meaning.</p> <p>4: Use context to predict and infer word meanings.</p> <p>I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text.</p> <p>4: Make predictions of outcomes and verify from texts.</p> <p>5: Identify or infer topic.</p>

<p>1st/2nd Earth Science</p>	<p>Pebbles, Sand and Silt</p>	<p>First Rocks River Rocks Using Rocks</p>		<p>6: Make simple inferences and draw and support conclusions. 7: Use story illustrations to enhance comprehension. 8: Write or draw a response that shows comprehension of a story that has been read. 9: Relate texts to prior knowledge and experiences. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters setting and sequences of story events. 3: Respond to text and use details from stories to support interpretation and make personal connections. 4: Retell familiar stories using a beginning, middle and end. 5: Read and listen to selections for personal enjoyment. 6: Understand the role of illustrations in conveying meaning in picture books. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions. 7: Ask and respond to questions. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independent reading. 2: Use a growing range of descriptive words when speaking of people, places, things, actions and events. 3: Use context and word structure to help determine a word's meaning. I, C, 3: Analyze text by using pictures, diagrams, titles and headings. 4: Monitor comprehension, reread and use strategies to self-correct when necessary. 5: Restate the sequence of events or ideas in a text, and summarize. 6: Identify the topic, facts and supporting details in non-fiction texts. 7: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational texts. 9: Summarize text. I, D, 1: Read from and listen to texts representing a variety of genres from America, as well as from other countries. 2: Identify and describe main characters, settings and plot. 3: Use details from the story to support interpretation. 6: Critically read and evaluate texts to determine the author's purpose. II, A, 1: Write in a variety of modes to express meaning, including: narrative, informal and functional. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups. 2: Comprehend text or information presented orally. 3: Follow two or three step oral directions. 6: Recite and respond to stories, poems, rhymes and songs with expression. 8: Ask and respond to questions.</p>
<p>1st/2nd Earth Science</p>	<p>Pebbles, Sand and Silt</p>	<p>Soil Explorations</p>	<p>#23: The Fallen Log (modified for grade level) #24 Nature's Recyclers #70 Soil Stories</p>	<p>Science: 2nd grade: II, A, 1: Sort and classify objects in the terms of color, size, shape, weight, texture, flexibility and attraction to magnets. III, A, 1: Observe and describe rocks, soils, water and air. IV, B, 1: Describe life cycles of plants and animals. IV, C, 1: Observe and describe some features of plants and animals that allow them to live in specific environments. Language Arts: 1st Grade: I, B, 1: Learn new words through explicit instruction and independent reading. 2: Use descriptive words when speaking of people places, things, actions and events. II, A, 1: Write in a variety of modes to express meaning, including: a. narrative, b. informative, c. poetic. 2: Use informal writing to record information or observations. II, B, 1: Write sentences using a process and strategies to plan, compose, revise and edit. II, C, 1: Use a period after sentences, numerals and initials. 2: Capitalize the first letter of proper names, the pronoun <i>I</i>, and the first words of sentences. 3: Use question marks and exclamation marks. 4: Compose simple sentences. 5: Use correct spelling for grade-appropriate high frequency sight words. 6: Spell 3-4 letter words correctly. II, D, 1: Use grade level appropriate reference material to obtain information. II, E, 1: Improve the formation of uppercase and lowercase letters of the alphabet and numbers.</p>

<p>1st/2nd Earth Science</p>	<p>Pebbles, Sand and Silt</p>	<p>Soil Explorations</p>		<p>2: Space words and sentences appropriately. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions 3: Attend to and understand the meaning of messages. 3: Attend to and understand the meaning of messages. 7. Ask and respond to questions. III, B, 1: Follow print from left to right. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independent reading. 2: Use a growing range of descriptive words when speaking of people, places, things, actions and events. I, C, 3: Analyze text by using pictures, diagrams, titles and headings. II, A, 1: Write in a variety of modes to express meaning, including: narrative, informal and functional. 2: Use informal writing skills such as note taking, listing and mapping, to record information or observations. II, B, 2: Use verbalization to prepare for writing. II, E, 1: Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups. 2: Comprehend text or information presented orally. 3: Follow two or three step oral directions.</p>
<p>1st/2nd Physical Science</p>	<p>Balance and Motion</p>	<p>General connections to the curriculum</p>	<p>#1: The Shape of Things #2: Get In Touch With Trees #6: Picture This! #22: Trees as Habitats #24: Nature's Recyclers #41: How Plants Grow</p>	<p>Science: 1st Grade: II, A, 1: Describe objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets. 2nd Grade: I, A, 1: Recognize that repeating a scientific investigation will lead to very similar results. 4: Recognize that everyone can do science and invent things and ideas. II, A, 1: Sort and classify objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets. Language Arts: 1st Grade: I, A, 1: Identify letters, words and sentences. 2: Match spoken words with print. I, B, 1: Learn new words through explicit instruction and independent reading. 2: Use descriptive words when speaking of people places, things, actions and events. I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text. 3: Monitor comprehension and reread as needed at points of difficulty, using strategies to self-correct when needed. II, A, 1: Write in a variety of modes to express meaning, including: a. narrative, b. informative, c. poetic. 2: Use informal writing to record information or observations. II, B, 1: Write sentences using a process and strategies to plan, compose, revise and edit. II, C, 1: Use a period after sentences, numerals and initials. 2: Capitalize the first letter of proper names, the pronoun <i>I</i>, and the first words of sentences. 3: Use question marks and exclamation marks. 4: Compose simple sentences. 5: Use correct spelling for grade-appropriate high frequency sight words. 6: Spell 3-4 letter words correctly. II, D, 1: Use grade level appropriate reference material to obtain information. II, E, 1: Improve the formation of uppercase and lowercase letters of the alphabet and numbers. 2: Space words and sentences appropriately. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions 3: Attend to and understand the meaning of messages. 3: Attend to and understand the meaning of messages. 4: Communicate needs, feelings and ideas to peers and adults in complete sentences. 7. Ask and respond to questions. III, B, 1: Follow print from left to right. 2nd Grade: I, B, 1: Learn and use new words through explicit instruction and independent reading. 2: Use a growing range of descriptive words when speaking of people, places, things, actions and events.</p>

<p>1st/2nd Physical Science</p>	<p>Balance and Motion</p>	<p>General connections to the curriculum</p>		<p>I, C, 3: Analyze text by using pictures, diagrams, titles and headings. II, A, 1: Write in a variety of modes to express meaning, including: narrative, informal and functional. 2: Use informal writing skills such as note taking, listing and mapping, to record information or observations. II, B, 2: Use verbalization to prepare for writing. II, E, 1: Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups. 2: Comprehend text or information presented orally. 3: Follow two or three step oral directions. Mathematics: 1st Grade: III, A, 1: Sort, classify, and compare objects in a set in more than one way. IV, A, 2: Identify patterns in simple graphs. V, B, 1: Sort and describe two and three dimensional shapes according to their geometrical attributes. 2nd Grade: IV, A, 2: Create pictographs and real object graphs to represent data. 3: Identify patterns in graphs or data sets. V, B, 2: Sort, classify, compare and describe two and three dimensional objects according to their geometrical attributes.</p>
<p>1st/2nd Physical Science</p>	<p>Solids and Liquids</p>	<p>General connections to curriculum</p>	<p>#1: The Shape of Things #2: Get In Touch With Trees #6: Picture This! #22: Trees as Habitats #24: Nature's Recyclers #41: How Plants Grow #76: Tree Cookies #77: Trees In Trouble #78: Signs of Fall</p>	<p>Science: 1st Grade: I, B, 1: Observe, describe, measure, compare and contrast common objects using simple tools including but not limited to ruler, thermometer and balance. II, A, 1: Describe objects in terms of color, size, shape, weight, texture, flexibility, and attraction to magnets. 2nd Grade: I, A, 4: Recognize that everyone can do science and invent things and ideas. I, B, 1: Use appropriate tools to gather and organize data. 2: Recognize and describe patterns in data. II, A, 1: Sort and classify objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets. Language Arts: 1st Grade: I, A, 1: Identify letters, words and sentences. 2: Match spoken words with print. I, B, 1: The student will learn new words through explicit instruction and independent reading. 2: The student will use descriptive words when speaking of people places, things, actions and events. I, C, 1: Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text. 3: Monitor comprehension and reread as needed at points of difficulty, using strategies to self-correct when needed. 5: Identify or infer topic. 6: Make simple inferences and draw and support conclusions. 7: Use story illustrations to enhance comprehension. 8: Write or draw a response that shows comprehension of a story that has been read. II, A, 1: Write in a variety of modes to express meaning, including: a. narrative, b. informative, c. poetic. 2: use informal writing to record information or observations. II, B, 1: Write sentences using a process and strategies to plan, compose, revise and edit. II, C, 1: Use a period after sentences, numerals and initials. 2: Capitalize the first letter of proper names, the pronoun <i>I</i>, and the first words of sentences. 3: Use question marks and exclamation marks. 4: Compose simple sentences. 5: Use correct spelling for grade-appropriate high frequency sight words. 6: Spell 3-4 letter words correctly. II, D, 1: Use grade level appropriate reference material to obtain information. II, E, 1: Improve the formation of uppercase and lowercase letters of the alphabet and numbers. 2: Space words and sentences appropriately. III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions. 2: Follow two- or three-step oral directions 3: Attend to and understand the meaning of messages.</p>

1st/2nd
Physical
Science

Solids and
Liquids

General
connections
to curriculum

3: Attend to and understand the meaning of messages.
4: Communicate needs, feelings and ideas to peers and adults in complete sentences.
7. As and Respond to questions.
III, B, 1: Follow print from left to right.
2nd Grade:
I, B, 1: Learn and use new words through explicit instruction and independent reading.
2: Use a growing range of descriptive words when speaking of people, places, things, actions and events.
I, C, 3: Analyze text by using pictures, diagrams, titles and headings.
7: Demonstrate literal and inferential comprehension by asking and answering question about narrative and informational texts.
8: Make predictions about text and verify outcomes.
10: Follow two step directions.
II, A, 1: Write in a variety of modes to express meaning, including: narrative, informal and functional.
2: Use informal writing skills such as note taking, listing and mapping, to record information or observations.
II, B, 2: Use verbalization to prepare for writing.
II, D, 1: Use grade-level appropriate reference material to obtain information.
II, E, 1: Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers.
III, A, 1: Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups.
2: Comprehend text or information presented orally.
3: Follow two or three step oral directions.
Mathematics:
1st Grade:
III, A, 1: Sort, classify, and compare objects in a set in more than one way.
IV, A, 2: Identify patterns in simple graphs.
V, B, 1: Sort and describe two and three dimensional shapes according to their geometrical attributes.
2nd Grade:
IV, A, 2: Create pictographs and real object graphs to represent data.
3: Identify patterns in graphs or data sets.
V, B, 2: Sort, classify, compare and describe two and three dimensional objects according to their geometrical attributes.