

## **K Math**

### **PS1 Foundations of Number Sense**

PS1.LT1 I can read and write numerals and represent a number of objects from 0 to 20.

PS1.LT2 I can say the number names when counting objects, in the standard order, pairing each object with one and only one number name and each number name with one and only one object.

PS1.LT3 I can compare two or more sets of objects and identify which set is equal to, more than or less than the other.

### **PS2 Number Sense and Operations in Base Ten**

PS2.LT1 I can compose and decompose numbers from 11 to 19 into sets of tens with additional ones.

### **PS3 Number Sense and Operations in Fractions**

N/A

### **PS4 Relationships and Algebraic Thinking**

PS4.LT1 I can represent addition and subtraction within 10.

PS4.LT2 I can decompose numbers less than or equal to 10 in more than one way.

PS4.LT3 I can make 10 for any number from 1 to 9.

### **PS5 Geometry, Measurement, and Data**

PS5.LT1 I can compare the measurable attributes of two objects.

PS5.LT2 I can identify pennies, nickels, dimes and quarters.

PS5.LT3 I can identify and describe the attributes of shapes, and use the attributes to sort a collection of shapes.

PS5.LT4 I can draw or model simple two-dimensional shapes.

PS5.LT5 I can compare category counts using appropriate language.

## **K ELA**

### **PS1 Reading Foundations**

PS1.LT1 I can develop print awareness in the reading process by identifying all upper- and lower-case letters.

PS1.LT2 I can develop phonemic awareness in the reading process by blending spoken phonemes to form one-syllable words.

PS1.LT3 I can develop phonics in the reading process by blending letter sounds to decode simple words.

PS1.LT4 I can develop phonics in the reading process by reading high-frequency words.

### **PS2 Reading Comprehension**

PS2.LT1 I can read appropriate texts with purpose and understanding.

PS2.LT2 I can develop and demonstrate reading skills in response to literary read-alouds by asking and responding to questions about literary texts read aloud.

PS2.LT3 I can identify elements of a story, including setting, character, and key events.

PS2.LT4 I can develop and demonstrate reading skills in response to informational read-alouds by asking and responding to questions about informational texts read aloud.

PS2.LT5 I can read, infer, and draw conclusions to name the main topic and recall key details of the text.

### **PS3 Writing**

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in written text, apply punctuation, capitalization, and spelling.

## **K Social Studies**

### **PS1 Principles of Constitutional Democracy**

PS1.LT1 I can identify reasons for making rules within the school.

### **PS2 Government Systems**

N/A

PS3 Missouri and United States History

N/A

PS4 Geography

PS4.LT1 I can read maps.

PS5 Economics

PS5.LT1 I can describe examples of needs and wants within my family and school.

**K Science**

PS1 Physical Science

PS1.LT1 I can plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.

PS1.LT2 I can describe ways to change the motion of an object.

PS1.LT3 I can make observations to determine the effect of sunlight on Earth's surface.

PS2 Life Science

N/A

PS3 Earth and Space Science

PS3.LT1 I can use and share observations of local weather conditions to describe patterns over time.

PS3.LT2 I can use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.

PS3.LT3 I can communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

PS4 Engineering Design

N/A

## **1 Math**

### **PS1 Foundations of Number Sense**

N/A

### **PS2 Number Sense and Operations in Base Ten**

PS2.LT1 I can understand two-digit numbers are composed of ten(s) and one(s).

PS2.LT2 I can compare two two-digit numbers using the symbols  $>$ ,  $=$ ,  $<$ .

PS2.LT3 I can add within 100.

PS2.LT4 I can add or subtract a multiple of 10 from another two-digit number, and justify the solution.

### **PS3 Number Sense and Operations in Fractions**

N/A

### **PS4 Relationships and Algebraic Thinking**

PS4.LT1 I can use addition and subtraction within 20 to solve problems.

PS4.LT2 I can develop the meaning of the equal sign and determine if equations involving addition and subtraction are true or false.

### **PS5 Geometry, Measurement, and Data**

PS5.LT1 I can distinguish between defining attributes versus non-defining attributes; build and draw shapes that possess defining attributes.

PS5.LT2 I can partition circles and rectangles into two or four equal shares, and describe the shares and wholes verbally.

PS5.LT3 I can compare the lengths of two objects indirectly by using the third object.

PS5.LT4 I can tell and write time in hours and half-hours using analog and digital clocks.

PS5.LT5 I can know the value of a penny, nickel, dime and quarter.

PS5.LT6 I can draw conclusions from object graphs, picture graphs, T-charts, and tallies.

## **1 ELA**

### **PS1 Reading Foundations**

PS1.LT1 I can develop phonemic awareness in the reading process by recognizing the change in a spoken word when a specific phoneme is added, changed, or removed.

PS1.LT2 I can develop phonics in the reading process by decoding words in context by using letter-sound knowledge.

PS1.LT3 I can develop phonics in the reading process by reading high-frequency words.

PS1.LT4 I can develop an understanding of vocabulary by identifying common root words and their inflectional endings.

PS1.LT5 I can develop an understanding of vocabulary by determining what words mean from how they are used in context of a sentence either heard or read.

### **PS2 Reading Comprehension**

PS2.LT1 I can read appropriate texts with fluency (rate, accuracy, expression, appropriate phrasing), with purpose, and for comprehension.

PS2.LT2 I can develop and demonstrate reading skills in response to reading text and read-alouds by retelling main ideas in sequence including key details.

PS2.LT3 I can read, infer, and draw conclusions to explain facts or details using text features and distinguish between which facts were provided by pictures and which facts were conveyed via words.

PS2.LT4 I can read, infer, and draw conclusions to identify main ideas and provide supporting details. .

### **PS3 Writing**

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in speech and written form, apply standard English grammar to produce complete simple and compound sentences.

PS3.LT5 I can, in written text, apply punctuation, capitalization, and spelling.

## **1 Social Studies**

### **PS1 Principles of Constitutional Democracy**

PS1.LT1 I can explain how rules and laws help the common good.

### **PS2 Government Systems**

N/A

### **PS3 Missouri and United States History**

N/A

### **PS4 Geography**

PS4.LT1 I can read and construct maps.

### **PS5 Economics**

PS5.LT1 I can describe examples of goods and services within my school and community.

## **1 Science**

### **PS1 Physical Science**

PS1.LT1 I can plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate.

PS1.LT2 I can use tools and materials to design and build a device that used light or sound to solve the problem of communicating over a distance.

### **PS2 Life Science**

PS2.LT1 I can use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

### **PS3 Earth and Space Science**

PS3.LT1 I can use observations of the sun, moon, and stars to describe patterns that can be predicted.

PS3.LT2 I can identify patterns indicating relationships between observed weather data and weather phenomena.

### **PS4 Engineering Design**

N/A

## **2 Math**

### **PS1 Foundations of Number Sense**

N/A

### **PS2 Number Sense and Operations in Base Ten**

PS2.LT1 I can understand three-digit numbers are composed of hundreds, tens and ones.

PS2.LT2 I can compare two three-digit numbers using the symbols  $>$ ,  $=$ ,  $<$ .

PS2.LT3 I can add or subtract within 1000, and justify the solution.

PS2.LT4 I can use the relationship between addition and subtraction to solve problems.

### **PS3 Number Sense and Operations in Fractions**

N/A

### **PS4 Relationships and Algebraic Thinking**

PS4.LT1 I can find the total number of objects arranged in a rectangular array with up to 5 rows and 5 columns, and write an equation to represent the total as a sum of equal addends.

### **PS5 Geometry, Measurement, and Data**

PS5.LT1 I can partition circles and rectangles into two, three or four equal shares, and describe the shares of the whole.

PS5.LT2 I can analyze the results of measuring the same object with different units.

PS5.LT3 I can tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.

PS5.LT4 I can find the value of combinations of dollar bills, quarters, dimes, nickels, and pennies, using \$ and ¢ appropriately.

PS5.LT5 I can solve problems using information presented in line plots, picture graphs and bar graphs.

## **2 ELA**

### **PS1 Reading Foundations**

PS1.LT1 I can develop phonics in the reading process by decoding multisyllabic words in context by applying common letter-sound correspondences including single letters, consonant blends, consonant and vowel digraphs, and vowel diphthongs.

PS1.LT2 I can develop an understanding of vocabulary by using prefixes, root words, and suffixes to determine the meaning of words.

PS1.LT3 I can develop an understanding of vocabulary by using context to determine the meaning of a new word or multiple-meaning word in text.

### **PS2 Reading Comprehension**

PS2.LT1 I can read appropriate texts with fluency (rate, accuracy, expression, appropriate phrasing), with purpose, and for comprehension.

PS2.LT2 I can develop and demonstrate reading skills in response to literary text by seeking clarification and using information/ facts and details about texts and supporting answers with evidence from text.

PS2.LT3 I can read, infer, analyze, and draw conclusions to describe the setting, problems, solutions, sequence of events (plot), and big ideas or moral lessons.

PS2.LT4 I can develop and demonstrate reading skills in response to informational text by seeking clarification and using information/facts and details about texts and supporting answers with evidence from text.

PS2.LT5 I can read, infer, and draw conclusions to explain main ideas and supporting details.

### **PS3 Writing**

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in speech and written form, apply standard English grammar to produce simple declarative, imperative, exclamatory, and interrogative sentences.

PS3.LT5 I can, in written text, apply punctuation, capitalization, and spelling.

## **2 Social Studies**

### PS1 Principles of Constitutional Democracy

PS1.LT1 I can explain and give examples of how laws and rules are made and changed within a community.

### PS2 Government Systems

N/A

### PS3 Missouri and United States History

N/A

### PS4 Geography

PS4.LT1 I can read and construct maps.

### PS5 Economics

PS5.LT1 I can explain basic concepts of economics.

## **2 Science**

### PS1 Physical Science

PS1.LT1 I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

PS1.LT2 I can analyze data to determine how the motion of an object changed by an applied force or the mass of an object.

### PS2 Life Science

PS2.LT1 I can plan and conduct investigations on the growth of plants when growing conditions are altered.

PS2.LT2 I can develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

### PS3 Earth and Space Science

PS3.LT1 I can use information from several sources to provide evidence that Earth events can occur quickly or slowly.

PS3.LT2 I can compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land.

### PS4 Engineering Design

N/A

### **3 Math**

#### **PS1 Foundations of Number Sense**

N/A

#### **PS2 Number Sense and Operations in Base Ten**

PS2.LT1 I can demonstrate fluency with addition and subtraction within 1000.

#### **PS3 Number Sense and Operations in Fractions**

PS3.LT1 I can understand that when a whole is partitioned equally, a fraction can be used to represent a portion of the whole.

PS3.LT2 I can recognize and generate equivalent fractions using visual models, and justify why the fractions are equivalent.

PS3.LT3 I can compare two fractions with the same numerator or denominator using the symbols  $>$ ,  $=$ ,  $<$ , and justify the solution.

#### **PS4 Relationships and Algebraic Thinking**

PS4.LT1 I can multiply and divide with numbers and results within 100 using strategies such as the relationship between multiplication and division or properties of operations. Know all products of two one-digit numbers.

PS4.LT2 I can write and solve two-step problems involving variables using any of the four operations.

PS4.LT3 I can identify arithmetic patterns and explain the patterns using properties of operations.

#### **PS5 Geometry, Measurement, and Data**

PS5.LT1 I can distinguish between rhombuses and rectangles as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to these subcategories.

PS5.LT2 I can solve problems involving addition and subtraction of minutes.

PS5.LT3 I can multiply whole-number side lengths to solve problems involving the area of rectangles.

PS5.LT4 I can solve problems involving perimeters of polygons.

PS5.LT5 I can use data shown in a line plot to answer questions.

### **3 ELA**

#### **PS1 Reading Foundations**

PS1.LT1 I can develop an understanding of vocabulary by determining the meaning of the new word formed when a known affix is added to a known base word.

PS1.LT2 I can develop an understanding of vocabulary by using sentence-level context to determine the relevant meaning of unfamiliar words or distinguish among multiple-meaning words.

#### **PS2 Reading Comprehension**

PS2.LT1 I can read appropriate texts with fluency (rate, accuracy, expression, appropriate phrasing), with purpose, and for comprehension.

PS2.LT2 I can read, infer, analyze, and draw conclusions to identify the big idea(theme) and supporting details of texts.

PS2.LT3 I can read, infer, analyze, and draw conclusions to summarize and sequence the events/plot and explain how past events impact future events.

PS2.LT4 I can read, infer, and draw conclusions to identify the details or facts that support the main idea.

PS2.LT5 I can read, infer, and draw conclusions to compare and contrast the most important points and key details presented in texts on the same topic.

#### **PS3 Writing**

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in written text, demonstrate command of grade-level appropriate conventions of Standard English: grammar usage, capitalization and punctuation, and spelling.

### **3 Social Studies**

#### PS1 Principles of Constitutional Democracy

PS1.LT1 I can explain and give examples of how laws are made and changed within the state.

#### PS2 Government Systems

N/A

#### PS3 Missouri and United States History

PS3.LT1 I can evaluate the impact of westward expansion on the Native Americans in Missouri.

#### PS4 Geography

PS4.LT1 I can read and construct maps.

#### PS5 Economics

N/A

### **3 Science**

#### PS1 Physical Science

PS1.LT1 I can predict and investigate that water can change from a liquid to a solid (freeze), and back again (melt), or from a liquid to a gas (evaporation), and back again (condensation) as the result of temperature changes.

PS1.LT2 I can plan and conduct investigations to determine the cause and effect relationship of electric or magnetic interactions between two objects not in contact with each other.

#### PS2 Life Science

PS2.LT1 I can develop a model to compare and contrast observations of the life cycles of various plants and animals.

PS2.LT2 I can use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving and finding mates.

#### PS3 Earth and Space Science

PS3.LT1 I can obtain and combine information to describe climates in different regions of the world.

PS3.LT2 I can make a claim about the merit of an existing design solution (e.g. levies, tornado shelters, sea walls, etc.) that reduces the impacts of a weather-related hazard.

#### PS4 Engineering Design

N/A



## **4 Math**

### PS1 Foundations of Number Sense

N/A

### PS2 Number Sense and Operations in Base Ten

PS2.LT1 I can multiply a whole number of up to four digits by a one-digit whole number and multiply two two-digit numbers, and justify the solution.

PS2.LT2 I can find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, and justify the solution.

### PS3 Number Sense and Operations in Fractions

PS3.LT1 I can recognize and generate equivalent fractions.

PS3.LT2 I can compare two fractions using the symbols  $,$   $=$ ,  $<$ , and justify the solution.

PS3.LT3 I can solve problems involving adding and subtracting fractions and mixed numbers with the like denominators.

PS3.LT4 I can solve problems involving multiplication of a fraction by a whole number.

PS3.LT5 I can understand that fractions and decimals are equivalent representations of the same quantity.

PS3.LT6 I can compare two decimals to the hundredths place using the symbols  $>$ ,  $=$  or  $<$ , and justify the solution.

### PS4 Relationships and Algebraic Thinking

PS4.LT1 I can solve multi-step whole number problems involving the four operations and variables and using estimation to interpret the reasonableness of the answer.

### PS5 Geometry, Measurement, and Data

PS5.LT1 I can identify and estimate angles and their measure.

PS5.LT2 I can use the four operations to solve problems involving distances, intervals of time, liquid volume, weight of objects and money.

PS5.LT3 I can apply the area and perimeter formulas for rectangles to solve problems.

PS5.LT4 I can analyze the data in a frequency table, line plot, bar graph or picture graph.

## **4 ELA**

### PS1 Reading Foundations

PS1.LT1 I can develop an understanding of vocabulary by determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes.

PS1.LT2 I can develop an understanding of vocabulary by identifying the meaning of common idioms and figurative language.

### PS2 Reading Comprehension

PS2.LT1 I can read appropriate texts with fluency (rate, accuracy, expression, appropriate phrasing), with purpose, and for comprehension.

PS2.LT2 I can develop and demonstrate reading skills in response to literary text by drawing conclusions and inferring by referencing textual evidence of what the text says explicitly as well as inferences drawn from the text.

PS2.LT3 I can read, infer, analyze, and draw conclusions to summarize and sequence the events/plot, explain how past events impact future events, and identify the theme.

PS2.LT4 I can develop and demonstrate reading skills in response to informational text by drawing conclusions and inferring by referencing textual evidence of what the text says explicitly as well as inferences drawn from the text.

PS2.LT5 I can read, infer, and draw conclusions to analyze, make inferences and draw conclusions about text; use evidence from the text (narrative nonfiction, informative/explanatory, opinion, persuasive, argumentative) to explain the author's purpose; and support the analysis.

### PS3 Writing

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in written text, demonstrate command of grade-level appropriate conventions of Standard English: grammar usage, capitalization and punctuation, and spelling.

#### **4 Social Studies**

##### PS1 Principles of Constitutional Democracy

PS1.LT1 I can explain the purposes of the U.S. Constitution and the Declaration of Independence.

##### PS2 Government Systems

N/A

##### PS3 Missouri and United States History

PS3.LT1 I can explain the causes of the American Revolution, including the perspectives of patriots, loyalists, Native Americans, African Americans and European allies.

##### PS4 Geography

PS4.LT1 I can read and construct maps.

##### PS5 Economics

N/A

#### **4 Science**

##### PS1 Physical Science

PS1.LT1 I can predict how changes in either the amount of force applied to an object or the mass of the object affects the motion (speed and direction) of the object.

PS1.LT2 I can provide evidence to construct an explanation of an energy transformation.

PS1.LT3 I can use models to explain that simple machines change the amount of effort force and/or direction of force.

##### PS2 Life Science

PS2.LT1 I can construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and plant reproduction.

PS2.LT2 I can use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

##### PS3 Earth and Space Science

PS3.LT1 I can identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.

PS3.LT2 I can plan and conduct scientific investigations or simulations to provide evidence how natural processes shape Earth's surfaces.

##### PS4 Engineering Design

N/A

## **5 Math**

### **PS1 Foundations of Number Sense**

N/A

### **PS2 Number Sense and Operations in Base Ten**

PS2.LT1 I can multiply multi-digit whole numbers and decimals to the hundredths place, and justify the solution.

PS2.LT2 I can divide multi-digit whole numbers and decimals to the hundredths place using up to two-digit divisors and four-digit dividends, and justify the solution.

### **PS3 Number Sense and Operations in Fractions**

PS3.LT1 I can compare and order fractions and/or decimals to the thousandths place using the symbols  $>$ ,  $=$ ,  $<$ , and justify the solution.

PS3.LT2 I can solve problems involving addition and subtraction of fractions and mixed numbers with unlike denominators, and justify the solution.

PS3.LT3 I can extend the concept of multiplication to multiply a fraction or whole number by a fraction.

PS3.LT4 I can extend the concept of division to divide unit fractions and whole numbers by using visual fraction models and equations.

### **PS4 Relationships and Algebraic Thinking**

PS4.LT1 I can graph numeric patterns on the Cartesian coordinate plane.

PS4.LT2 I can solve and justify multi-step problems involving variables, whole numbers, fractions and decimals.

### **PS5 Geometry, Measurement, and Data**

PS5.LT1 I can understand the concept of volume and recognize that volume is measured in cubic units.

PS5.LT2 I can plot and interpret points in the first quadrant of the Cartesian coordinate plane.

PS5.LT3 I can solve problems that require measurement conversions.

PS5.LT4 I can create a line plot to represent a given or generated data set, and analyze the data to answer questions and solve problems, recognizing the outliers and generating the median.

## **5 ELA**

### **PS1 Reading Foundations**

PS1.LT1 I can develop an understanding of vocabulary by determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes through context.

PS1.LT2 I can develop an understanding of vocabulary by explaining the meaning of common idioms, adages, similes, metaphors, hyperboles, and other sayings in text.

### **PS2 Reading Comprehension**

PS2.LT1 I can read appropriate texts with fluency (rate, accuracy, expression, appropriate phrasing), with purpose, and for comprehension.

PS2.LT2 I can develop and demonstrate reading skills in response to literary text by drawing conclusions and inferring by referencing textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

PS2.LT3 I can read, infer, analyze, and draw conclusions to explain the theme or moral lesson, conflict, and resolution in a story or novel.

PS2.LT4 I can read, infer, analyze, and draw conclusions to describe how a narrator's or speaker's point of view influences events.

PS2.LT5 I can develop and demonstrate reading skills in response to informational text by drawing conclusions and inferring by referencing textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

PS2.LT6 I can read, infer, and draw conclusions using literary techniques in nonfiction texts: evaluate if the

authors' purpose was achieved, identify reasons for the decision, and provide evidence to support the claim.

### PS3 Writing

PS3.LT1 I can compose well developed opinion texts for audience and purpose.

PS3.LT2 I can compose well developed informative/explanatory texts for audience and purpose.

PS3.LT3 I can compose well developed narrative texts for audience and purpose.

PS3.LT4 I can, in written text, demonstrate command of grade-level appropriate conventions of Standard English: grammar usage, capitalization and punctuation, and spelling.

## **5 Social Studies**

### PS1 Principles of Constitutional Democracy

PS1.LT1 I can apply the principles of the U.S. Constitution and the Declaration of Independence.

### PS2 Government Systems

N/A

### PS3 Missouri and United States History

PS3.LT1 I can investigate the causes and consequences of westward expansion c. 1800-2000.

PS3.LT2 I can identify major causes and consequences of the Civil War and Reconstruction.

### PS4 Geography

N/A

### PS5 Economics

PS5.LT1 I can explain basic economic concepts.

## **5 Science**

### PS1 Physical Science

PS1.LT1 I can measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.

PS1.LT2 I can conduct an investigation to determine whether the mixing of two or more substances results in new substances.

### PS2 Life Science

PS2.LT1 I can support an argument that plants get the materials (i.e. carbon dioxide, water, sunlight) they need for growth chiefly from air and water.

PS2.LT2 I can develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

### PS3 Earth and Space Science

PS3.LT1 I can support an argument that relative distances from Earth affects the apparent brightness of the sun compared to other stars.

PS3.LT2 I can represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

PS3.LT3 I can develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.

### PS4 Engineering Design

N/A