



### INNOVATOR'S WORKSHOP

SCIENCE  
K.3C

Students explore that scientists investigate different things in the natural world and use tools to help in their investigations.

SCIENCE  
1.6BC, 2.6BC

Students demonstrate the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.

SCIENCE  
K.6A-D, 1.6A, 2.6A

The student knows that forces cause change and energy exists in many forms.

TECHNOLOGY APPLICATIONS  
K.1A-E, 1.1A-E, 2.1A-E

The student uses creative thinking and innovation processes to construct knowledge.



### SPARK SHOP

SCIENCE  
PK6.A.1

Child observes, investigates, describes and discusses properties and characteristics of common objects

SCIENCE  
K.6CD

Students observe and describe the location of an object in relation to another such as above, below, behind, in front of, and beside.

SCIENCE  
K.5A, 1.5A, 2.5A

Students classify objects by physical properties such as larger and smaller, heavier and lighter, shape, color, and texture.

FINE ARTS  
PK8.A.2

Child uses art as a form of creative self-expression and representation.

FINE ART  
K.2AC, 1.2AC, 2.2AC

The student expresses thoughts and ideas creatively.

FINE ART  
K.3D, 1.3D, 2.3D

Students relate visual art concepts to other disciplines.



### LIGHT LAB

SCIENCE  
K.6A, 1.6A, 2.6A

Students use the senses to explore and investigate different forms of energy such as light.

MATHEMATICS  
K.6AB

Students identify shapes, including circles, triangles, rectangles, cylinders, spheres, and cubes, in the real world.

MATHEMATICS  
1.6CD

Students create two-dimensional figures, including circles, triangles, rectangles, rhombuses, and hexagons.

FINE ARTS  
K.1AB, 1.1AB, 2.1AB

Students identify similarities, differences, and variations among subjects in the environment using the senses



### LET'S GROW-FRESH! FARMERS MARKET

SCIENCE  
K.5A, 1.5A

Students observe, record, and classify properties of objects, including bigger or smaller, heavier or lighter, shape, color, and texture

MATHEMATICS  
PK.5.E.1

Child sorts objects that are the same and different into groups and uses language to describe how the groups are similar and different.

MATHEMATICS  
K.6E

Students classify and sort a variety of regular and irregular two- and three dimensional figures regardless of orientation or size.

FINE ARTS  
K.1a, 1.1A, 2.1A

Identify the elements of art, including texture, shape, and color in nature and human-made environments.

HEALTH EDUCATION  
K.1.B

Students identify types of foods that help the body grow such as healthy breakfast foods and snacks.

HEALTH EDUCATION  
K.3AB

Students can plan a healthy meal and/or snack.

### PHYSICAL EDUCATION

K.7A-C

The student develops positive self-management and social skills needed to work independently and with others in physical activity settings.

### PHYSICAL EDUCATION

1.7AB

Students follow directions and apply safe movement practices. Students interact, cooperate, and respect



### KITCHEN LAB

SCIENCE  
K.4AB 1.4AB, 2.4AB

Students use the senses as a tool of observation to identify properties and patterns of organisms, objects, and events in the environment.

SCIENCE  
K.6A

Students use the senses to explore different forms of energy such as light, thermal, and sound.

HEALTH EDUCATION  
1.4A

Students can identify and demonstrate use of the five senses.



### STORY NOOK

ENGLISH LANGUAGE ARTS & READING  
PK2.A.1-3, PK3.D.1,3,4

Child shows understanding of the language being spoken by teachers and peers. Child shows understanding of the new language being spoken.

ENGLISH LANGUAGE ARTS & READING  
K.5BC

generate questions about text before, during, and after reading to deepen understanding and gain information.

ENGLISH LANGUAGE ARTS & READING  
K.6A-A

The student responds to an increasingly challenging variety of sources that are read, heard, or viewed.

FINE ART  
(MUSIC) PK8.B.1, K.3A, 1.5A, 2.5A

Students sing songs and play musical games, including rhymes, folk music, and seasonal music

FINE ART  
K.4A, 1.6A, 2.6A

Students begin to practice appropriate audience behavior during live performances.



### MOVE STUDIO

MATHEMATICS  
PK5.C.3

Child demonstrates use of location words (such as "over," "under," "above," "on," "beside," "next to," "between," "in front of," "near," "far," etc.).

SCIENCE  
(THEATRE) PK8.C.1

Child creates or recreates stories, moods, or experiences through dramatic representations.

FINE ART  
K.1A-D, 1.1A-D

The student develops concepts about self, human relationships, and the environment using elements of drama and conventions of theatre.

HEALTH EDUCATION  
K.1A-F, 1.1A-F

The student demonstrates competency in fundamental movement patterns and proficiency in a few specialized movement forms.

HEALTH EDUCATION  
K.3A-D, 1.3A-D

The student exhibits a health enhancing, physically-active lifestyle that improves health and provides opportunities for enjoyment and challenge.

HEALTH EDUCATION  
K.7A-C, 1.7A-C

The student develops positive self-management and social skills needed to work independently and with others in physical activity settings.



### CURRENTS

SCIENCE  
K.1A, 1.1A, 2.1A

Students identify, discuss, and demonstrate safe and healthy practices during outdoor investigations, including wearing safety equipment and using materials.

SCIENCE  
1.3B, 2.3B

Students know that information and critical thinking, scientific problem solving, and the contributions of scientists are used in making decisions.

SCIENCE  
K.6A, 1.6A, 2.6A

The student knows that forces cause change and energy exists in many forms.

FINE ARTS  
(MUSIC) K.1D

Students identify same/different in beat/rhythm, higher/lower, louder/softer, faster/slower, and simple patterns.

FINE ARTS  
(MUSIC) K.4C

Students compare same/different in beat/rhythm, higher/lower, louder/softer, faster/slower, and simple patterns.



### INNOVATOR'S WORKSHOP

SCIENCE  
3.6A-C

The student knows that forces cause change and that energy exists in many forms.

SCIENCE  
4.6A

Students differentiate among forms of energy, including mechanical, sound, electrical, light, and thermal.

SCIENCE  
4.6C

Students demonstrate that electricity travels in a closed path, creating an electrical circuit.

SCIENCE  
5.6AB

The student knows that energy occurs in many forms and can be observed in cycles, patterns, and systems.

TECHNOLOGY  
1.A-C

The student uses creative thinking and innovative processes to construct knowledge and develop digital products.



### SPARK SHOP

SCIENCE  
3.2E, 4.2E

Students demonstrate that repeated investigations may increase the reliability.

SCIENCE  
3.6A, 4.6A, 5.6A

The students differentiate among forms of energy, including mechanical, sound, electrical, light, and thermal.

SCIENCE  
3.2E, 4.2E, 5.2E

The student uses scientific practices during investigations and demonstrate that repeated investigations may increase the reliability of results.

FINE ART  
3.2C, 4.2C, 5.2C

The student can produce drawings; paintings; prints; sculpture, including modeled forms; and other art forms such as ceramics, fiber art, constructions, mixed media, and installation art using a variety of art media and materials.



### LIGHT LAB

SCIENCE  
3.6A

Students explore different forms of energy, including mechanical, light, sound, and thermal in everyday life.

SCIENCE  
5.6C

Students demonstrate that light travels in a straight line until it strikes an object and is reflected or travels through one medium to another and is refracted.



### EARTH, WIND, INSPIRE

SCIENCE  
3.6A

Students analyze, evaluate, and critique scientific explanations.

SCIENCE  
3.7B

The student knows that Earth consists of natural resources and its surface is constantly changing.

SCIENCE  
4.7B

Students observe and identify slow changes to Earth's surface caused by weathering, erosion, and deposition from water, wind, and ice.

SCIENCE  
5.7B

Students recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, or ice.



### CURRENTS

SCIENCE  
3.1A, 4.1A, 5.1A

The student conducts classroom and outdoor investigations following home and school safety procedures and environmentally appropriate practices.

SCIENCE  
3.6A

Students analyze, evaluate, and critique scientific explanations.

SCIENCE  
3.6C

The student knows that forces cause change and that energy exists in many forms. Students observe forces such gravity acting on object.

SCIENCE  
5.6D

The students can design a simple experimental investigation that tests the effect of force on an object.

FINE ART  
MUSIC 3.4A 4.4A, 5.4A

Students create rhythmic phrases through improvisation and composition.



### KITCHEN LAB

SCIENCE  
3.4, 4.4, 5.4

The student knows how to use a variety of tools and methods to conduct science inquiry.

SCIENCE  
3.1A

The student conducts classroom and outdoor investigations following home and school safety procedures and environmentally appropriate practices.

SCIENCE  
3.2D, 4.2D

Students analyze data and interpret patterns to construct reasonable explanations from data that can be observed.

SCIENCE  
5.2D

Students analyze and interpret information to construct reasonable explanations from direct and indirect evidence.

SCIENCE  
3.5A 4.5A

The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.

SCIENCE  
5.5A

Students classify matter based on measurable, testable, and observable physical properties.