SMITHTOWN CENTRAL SCHOOL DISTRICT Smithtown, New York

Kindergarten NYS Standards Overview

Welcome to kindergarten. This

- a. Demonstrate one-to-one letter sound correspondence by producing the primary sound or most frequent sound for each consonant
- b. Decode short vowel sounds with common spellings

Counting and Cardinality

Know number names and the count sequence

Measurement and Data

- 1. Describe measureable attributes of objects, such as length or weight. And directly compare two objects with a measureable attribute in common, to see which object
- 2. Classify objects into given categories; count the numbers of objects in each category and sort the categories

Geometry

Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres)

- Describe objects in the environment using names of shapes, and describe the relative
 positions of these objects using terms such as above, below, beside, in front of, behind,
 and next to
- 2. Correctly name shapes regardless of their orientations or overall size. Identify shapes as two-dimensional or three-dimensional

Analyze, compare, create, and compose shapes

- 4. Analyze and compare two-and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts and other attributes
- 5. Model shapes in the world by building shapes from components and drawing shapes
- 6. Compose simple shapes to form larger shapes

SOCIAL STUDIES

The social studies program focuses on helping students develop an awareness of themselves and the world around them. Children learn about values, ideas, customs, and traditions through folktales, legends, music, and oral histories. They

SCIENCE

Opportunities are provided for students to obtain a high-quality science education in Life Science, Physical Science, and Earth & Space Science through three-dimensional learning. Students will engage in science and engineering practices, acquire sufficient core content knowledge, and make connections of science across other disciplines.

Matter and Its Interactions

1. Plan and conduct an investigation to test the claim that different kinds of matter exist as either solid or liquid, depending on temperature

Forces and Interactions

- 1. Investigate the effects of different strengths or directions of pushes and pulls on the motion of an object
- 2. Analyze data to determine if a design works as intended to change the speed or direction of an object with a push or pull

Interdependent Relationships in Ecosystems

- 1. Use observations to describe patterns of what plants and animals need to survive
- 2. Construct an argument with evidence for how plants and animals can change the environment to meet their needs
- 3. Use a model to represent the relationship between the needs of plants or animals and the places they live
- 4. Communicate solutions that will reduce the impact of humans on living organisms and non-living things in the local environment

Weather and Climate

1. Use and share observations of local weather to describe patterns

TECHNOLOGY

Visual/Media Arts