

Science

Demonstrate the ability to use senses and tools to explore, make observations, and make predictions. **S.E0**

1 Use smell, touch, sight, sound, and taste to make observations. **S.E0.PK1**

2 Use tools to observe and describe objects, the environment, and processes. **S.E0.PK2**

3 Use observations and information to notice patterns, create groups based on similarities/ differences observed, and/ or make predictions. **S.E0.PK3**

4 Make predictions using prior knowledge and experience. **S.E0.PK4**

Demonstrate the ability to use information gathered in different ways to conduct investigations. **S.SI**

1 Show curiosity and ask questions about things they are interested in that can be answered through an investigation. **S.SI.PK1**

2 Describe some of the steps and/or materials needed for an investigation or experiment. **S.SI.PK2**

3 Conduct simple investigations and gather information through observations to see what happens. **S.SI.PK3**

Demonstrate the ability to describe, analyze, and draw conclusions about the outcome of an investigation. **S.AC**

1 Analyze observations from an investigation to develop an explanation or conclusion. **S.AC.PK1**

2 Describe possible cause and effect relationships from observation or prior knowledge. **S.AC.PK2**

Demonstrate the ability to communicate about observations, investigations, and outcomes. **S.SC**

1 Create pictures, diagrams, or 3D models to represent plans for an investigation. **S.SC.PK1**

2 Illustrate or describe observations, results, and conclusions or explanations from an investigation or science-related activities. **S.SC.PK2**

3 Use scientific content words during scientific inquiry and investigation. **S.SC.PK3**

4 Use adjectives and scientific words to describe objects, materials, organisms, events, and processes. **S.SC.PK4**