

Science

SCIENTIFIC INQUIRY AND APPLICATION 1

- 1 Exploration, Observations, and Hypotheses: The child observes, explores, and interacts with materials, others, and the environment. 1.1**
 - a Exhibits curiosity about objects, living things, and other natural events in the environment. 1.1.A
 - b Identifies attributes of objects, living things, and natural events in the environment. 1.1.B
 - c Describes changes in objects, living things, and natural events in the environment. 1.1.C
 - d Begins to describe the similarities, differences and relationships between objects, living things and natural events. 1.1.D
 - e Asks and responds to questions about relationships of objects, living things, and events in the natural environment. 1.1.E

- 2 Investigation: The child researches their own predictions and the ideas of others through active exploration and experimentation. 1.2**
 - a Uses a variety of tools and materials to investigate. 1.2.A
 - b Makes predictions and researches hypotheses through active investigation. 1.2.B
 - c Adjusts their approach if results are different than expected and continues testing. 1.2.C
 - d Persists with an investigation. 1.2.D

- 3 Analysis and Conclusion 1.3**
 - a Uses a variety of materials to record and organize data. 1.3.A
 - b Identifies cause and effect relationships. 1.3.B
 - c Constructs theories to explain their investigations. 1.3.C

- 4 Communication: The child discusses, communicates, and reflects upon the scientific investigation and its findings. 1.4**
 - a Displays and interprets data. 1.4.A
 - b Presents their scientific ideas in a variety of ways. 1.4.B
 - c Conducts further investigation based on prior experience and information gained. 1.4.C