

K.1 Scientific Investigation, Reasoning, and Logic

The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations in which

- a) basic characteristics or properties of objects are identified by direct observation;
- b) observations are made from multiple positions to achieve different perspectives;
- c) a set of objects is sequenced according to size;
- d) a set of objects is separated into two groups based on a single physical characteristic;
- e) nonstandard units are used to measure the length, mass, and volume of common objects;
- f) observations and predictions are made for an unseen member in a sequence of objects;
- g) a question is developed and predictions are made from one or more observations;
- h) observations are recorded;
- i) picture graphs are constructed;
- j) unusual or unexpected results in an activity are recognized; and
- k) objects are described both pictorially and verbally.

K.2 Scientific Investigation, Reasoning, and Logic

The student will investigate and understand that humans have senses that allow them to seek, find, take in, and react or respond to information in order to learn about their surroundings. Key concepts include

- a) the five senses and corresponding sensing organs; and
- b) sensory descriptors used to describe common objects and phenomena.

K.8 Civics (Introduction to History and Social Science)

The student will demonstrate that being a good citizen involves

- a) taking turns and sharing;
- b) taking responsibility for certain classroom chores;
- c) taking care of personal belongings and respecting what belongs to others;
- d) following rules and understanding the consequence of breaking rules;
- e) practicing honesty, self-control, and kindness to others;
- f) participating in decision making in the classroom;
- g) participating successfully in group settings.