Georgia Science

Grade K

Adopted 2016

Earth and Space Science

SKE1. Obtain, evaluate, and communicate observations about time patterns (day to night and night to day) and objects (sun, moon, stars) in the day and night sky. SKE1

a. Ask questions to classify objects according to those seen in the day sky, the night sky, and both. SKE1.A

b. Develop a model to communicate the changes that occur in the sky during the day, as day turns into night, during the night, and as night turns into day using pictures and words. SKE1.B

SKE2. Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air). SKE2

a. Ask questions to identify and describe earth materials—soil, rocks, water, and air. SKE2.A

b. Construct an argument supported by evidence for how rocks can be grouped by physical attributes (size, weight, texture, color). SKE2.B

c. Use tools to observe and record physical attributes of soil such as texture and color. SKE2.C

Physical Science

SKP1. Obtain, evaluate, and communicate information to describe objects in terms of the materials they are made of and their physical attributes. SKP1

a. Ask questions to compare and sort objects made of different materials. (Common materials include clay, cloth, plastic, wood, paper, and metal.) SKP1.A

b. Use senses and science tools to classify common objects, such as buttons or swatches of cloth, according to their physical attributes (color, size, shape, weight, and texture). SKP1.B

c. Plan and carry out an investigation to predict and observe whether objects, based on their physical attributes, will sink or float. SKP1.C

SKP2. Obtain, evaluate, and communicate information to compare and describe different types of motion. SKP2

a. Plan and carry out an investigation to determine the relationship between an object's physical attributes and its resulting motion (straight, circular, back and forth, fast and slow, and motionless) when a force is applied. SKP2.A

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b. Construct an argument as to the best way to move an object based on its physical attributes. SKP2.B

Life Science

SKL1. Obtain, evaluate, and communicate information about how organisms (alive and not alive) and non-living objects are grouped. SKL1

a. Construct an explanation based on observations to recognize the differences between organisms and non-living objects. SKL1.A

b. Develop a model to represent how a set of organisms and non-living objects are sorted into groups based on their attributes. SKL1.B

SKL2. Obtain, evaluate, and communicate information to compare the similarities and differences in groups of organisms. SKL2

a. Construct an argument supported by evidence for how animals can be grouped according to their features. SKL2.A

b. Construct an argument supported by evidence for how plants can be grouped according to their features. SKL2.B

c. Ask questions and make observations to identify the similarities and differences of offspring to their parents and to other members of the same species. SKL2.C