K-ABA Science

Content Area: **Science**
Course(s): **Science K**
Time Period: **MP1-4**
Length: **MP1-4**
Status: **Published**

Big Ideas

Same/different Complex Sorting

- Identify, describe, and compare the physical properties of objects, (e.g. same/different, color, shape, size)
- Use basic properties of objects for sorting, discrimination, and classification.

Weather & Seasons

- Identification of basic weather conditions- sunny, cloudy, rainy, snowy, fog, windy, storm, rainbow, and lightning.
- Identification and basic features of the 4 Seasons.
- Naming the seasons, sorting items by season

Night & Day

- Identification of night and day-
- Sorting activities into day and night activities

Living vs. Non-Living

- Identify the needs of living things (e.g. water, food, air, shelter)
- Identify the characteristics of living things (e.g. movement, reproduce, grow)
- Discriminate and sort into categories living v non living things

Body Part Identification

- Identification of body parts on the body and the written names of the body parts (e.g. eye, hand, stomach, mouth, foot, and nose, hair, neck, arm, leg, and teeth)

Animals

- Identification and discrimination of animals,
- What animals eat, and where animals live.

Motion & Force

- Identify and interact with the concept of moving items through pushing and pulling.
- Identify which items that can move by fuel or people powered force

Technology Integration

8.1.2.E.1 Use digital tools and online resources to explore a problem or issue.

Cross-Curricular Integration

Language Arts

SL.K.3 Ask and answer questions in order to seek help, get information, or clarify something that is not understood.

RI.K.1 With prompting and support, ask and answer questions about key details in a text.

Math

MP.2 Reason abstractly and quantitatively.

K.CC.A Know number names and the count sequence.

K.MD.A.1 Describe measurable attributes of objects, such as size.

K.MD.A.2 Directly compare two objects with a measurable attribute in common, to see which object has "more of/less of" the attribute, and describe the difference.

K.MD.B.3 Classify objects into given categories; count the number of objects in each category and sort the categories by count.

Enduring Understandings

From Molecules to Organisms: Structures and Processes

K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.

K-ESS2-1 Use and share observations of local weather conditions to describe patterns over time

Earth & Human Activity

K-ESS3-1 Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

Motion and Stability: Forces and Interactions

K-PS2.A Pushes and pulls can have different strengths and directions.

K-PS2.A Pushing or pulling on an object can change the speed or direction of its motion and can start or stop

it.

Engineering & Design

K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change (e.g., climate change) to define a simple problem that can be solved through the development of a new or improved object or tool.

Resources

News2You

ChooseItMaker3

Boom Learning Cards

Adaptive Worksheets

Larger Vocabulary Development Photo Card Libraries

Adaptive Literature Library

BrainPopJr

Mystery Science