

I CAN

identify and explain the basic needs of ALL organisms.

I CAN

describe how different organisms survive in their environment.

I CAN

explain similarities and differences in living and non living organisms.

I CAN

classify organisms as living, non living or once living.

I CAN

describe and compare the basic parts of animals and plants.

I CAN

explain the different functions in growth, survival and reproduction.

I CAN

draw, label, and describe life cycles.

I CAN

describe earth materials such as rocks, soil, water, and gas using their properties.

I CAN

examine and describe the properties of soil, including color, texture and the ability to hold water.

I CAN

Explain how minerals that make up rocks have properties of color, luster and hardness.

I CAN

describe and classify objects by their properties and describe and give reasons to support their classification.

I CAN

identify the characteristics of an ecosystem.

I CAN

explain and demonstrate that sound is a result of vibration.

I CAN

classify animals based on their characteristics.

I CAN

examine the models of light in order to understand the behavior of light.

I CAN

describe and demonstrate the path of light as it strikes a variety of surfaces.

I CAN

explain how light travels.

I CAN

Examine the properties of minerals that make up rocks.

I CAN

compare sounds.

I CAN

demonstrate different pitches of sound.

I CAN

understand the relationship between the pitch of the sound and the properties of the sound source.

I CAN

observe and compare how sound travels through solids, liquids and air.

I CAN

ask and answer questions.

I CAN

plan and conduct experiments.

I CAN

use tools to gather data.

I CAN

determine importance.

I CAN

predict, infer, and draw

I CAN

use data to construct explanations.

I CAN

communicate investigations and explanations.

I CAN

plan and conduct experiments.

I CAN

use tools to gather data.

I CAN

understand scientists use different kinds of investigations and tools to develop explanations using evidence and knowledge.

I CAN

identify a problem and propose a solution.

I CAN

evaluate a product, experiment or design.

I CAN

set goals, evaluate, revise, and rewrite.

I CAN

work as a collaborative team member.

I CAN

develop an attitude of respect for life.

I CAN

investigate the effect of water on seeds.

I CAN

observe and compare properties of seeds and fruits.

I CAN

Observe, describe, and record properties of germinated seeds.

I CAN

grow plants hydroponically and observe the life cycle.

I CAN

observe and record crayfish and land snail structures and behavior.

I CAN

Use knowledge of crayfish and snail life to maintain organisms in the classroom.

I CAN

organize data about crayfish and territorial behavior.

I CAN

develop responsibility for the care of organisms.

I CAN

draw with detail, label, and/or
write captions and subheadings.

I CAN

take notes and record thinking in
my science notebook.

I CAN

Use science thinking: observe, communicate, compare, organize.

I CAN

develop an interest in earth materials.

I CAN

gain experience with rocks and minerals.

I CAN

use measuring tools to gather data about rocks.

I CAN

observe, describe and record properties of minerals.

I CAN

investigate the effect of vinegar (acid) on the mineral – calcite.

I CAN

learn that rocks are composed of minerals and that minerals CANNOT be separated into other materials.

I CAN

compare my work to that of a geologist.

I CAN

use math and language skills in
science.

I CAN