

During games, learners role-play to simulate processes and interactions that take place in nature.

ROCK THE CYCLE • 2ND GRADE & OLDER

Learners explore various types of rocks and the geologic processes that form each as they journey through the rock cycle. Learners consider the distinguishing characteristics of igneous, metamorphic, and sedimentary rocks, and the physical and chemical processes that transform them as they visit various stations.

INCREDIBLE JOURNEY • 2ND GRADE & OLDER

Learners explore the physical states of water and natural reservoirs as they journey through the water cycle. Learners consider how water transforms to gas, liquid, or solid while moving through the atmosphere, hydrosphere, geosphere and biosphere. Students collect beads as they visit stations that represent each of these transformations.

COMMON WATER • 2ND GRADE & OLDER

Learners explore how water quality and quantity is affected by collective use over time as they role play various types of consumers that share a common source of water.

OH DEER! • ALL AGES

After reviewing the basic needs of organisms for survival (water, food, shelter), learners simulate how limiting factors and changes in the environment affect a deer population.

QUICK FROZEN CRITTERS • 1ST GRADE & OLDER

Learners role play the interaction between coyotes and rabbits to simulate ecological concepts such as basic needs, food chains, predator/prey relationship, and adaptation.

MIGRATION HEADACHE • 2ND GRADE & OLDER

Learners experience the challenges faced by birds as they migrate among nesting, stop-over and wintering habitats.

BIRDS AND WORMS • 2ND GRADE & OLDER

Learners role play the interaction between birds (predators), worms (prey), and the environment to explore how camouflage affects the survival rate of populations.

HOW MANY BEARS CAN LIVE IN THIS FOREST • 2ND GRADE & OLDER

After reviewing the basic needs of organisms for survival (water, food, shelter), learners simulate how limiting factors in the environment affect the health and numbers of a bear population.

HAZARDOUS LINKS • 3RD GRADE & OLDER

Learners simulate a food chain to explore how pollutants become more concentrated in organisms at higher trophic levels through the process of biomagnification/bioaccumulation.

ARE YOU ME? • 1ST GRADE & OLDER

Learners compare illustrations of parent animals and their offspring to explore how some young animals resemble their parents at birth while others undergo metamorphosis.

POLLINATION RELAY • 1ST GRADE & OLDER

Learners explore the interdependence between plants and insects by role playing how bees pollinate plants as they collect nectar from flowers.



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All classes held at the Biodiversity Education Center

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