

Discovery Quest – Natural History
K-1 Worksheet

ADAPTATION

1. **Predators** are animals that hunt other animals while **prey** are animals that are hunted. You can tell the difference between predators and prey by remembering this rhyme:

“Eyes in the front, have to hunt. Eyes on the side, run and hide.”

Look for the skulls of the animals listed below.

Using the rhyme, decide if the animal is a predator or a prey.

Draw a **circle** around the animals that are **prey** and draw a **line** under the animals that are **predators**.

Monkey

Mouse

Zebra

Deer

Lion

Alligator

Rabbit

Armadillo

Human

Beaver

Giraffe

Python

2. Look at the skulls of the animals listed below. Think about where this animal would live. Match the animal name to where you think it lives.

Rabbit

Lake or pond

Lion

Forest

Monkey

Desert

Oscar

Jungle

Rattlesnake

Rainforest

BIRDS

1. Find the display case with the skeletons of a Rhea and Hummingbird. How are they different? How are they similar?
2. Find the hawk display case.
Look at the top of the case to find the **Cooper's Hawk**.
What do you think this hawk is ready to do?

What do you think the Goshawk is ready to do?

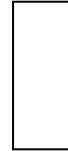
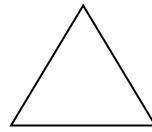
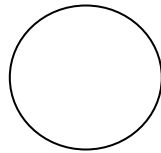
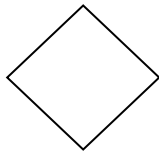
SMALL WORLDS

1. Find the video that shows living things that are in a drop of water.
Choose one of these living things and draw it below.

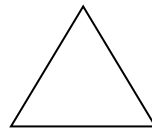
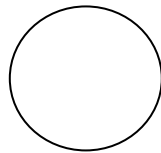
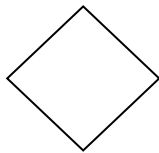
Look at your drawing. Do you think this creature is a plant or an animal? How can you be sure?

2. A **cell** is the basic building block of all life. You are made up of millions and millions of cells. Look at both the plant and animal cell on the wall.

What kind of shape does the animal cell look like? Circle that shape below.

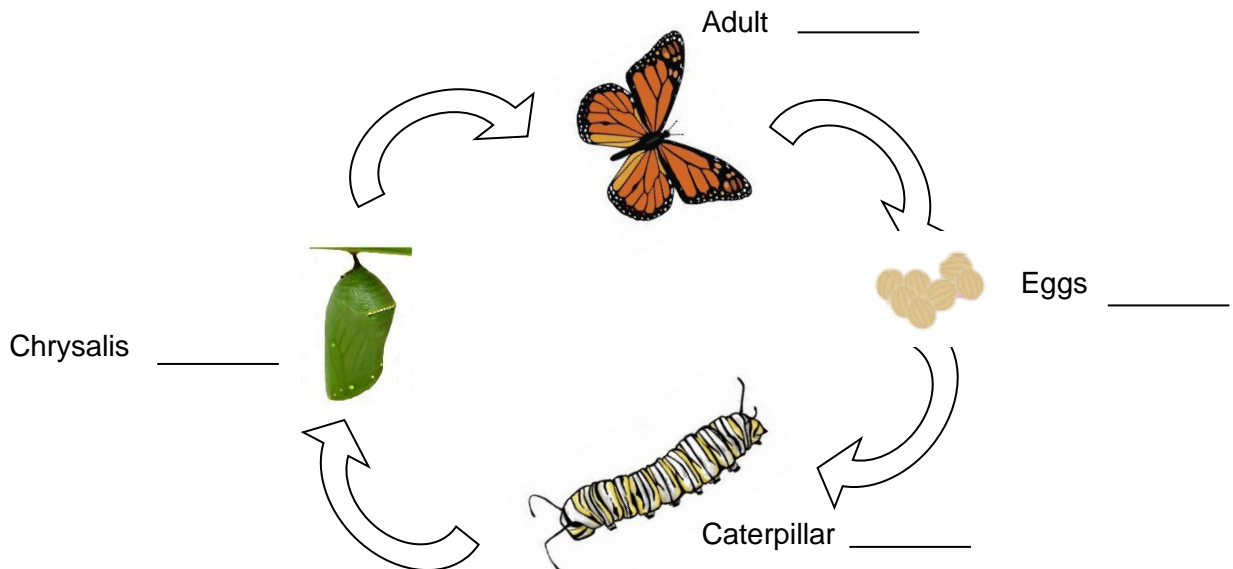


What kind of shape does the plant cell look like? Circle that shape below.



INSECT ZOO

1. Find the wall that displays the life cycle of a monarch butterfly. Put the life cycle below in order by labeling which stage comes 1st, 2nd, 3rd, and 4th.



2. Find the cases of butterflies and moths from around the world. Pick a butterfly and draw it below.

What color or colors is your butterfly?

3. Look at the Bluff and Lake cases to find the snakes in each. How are the patterns on the snakes' skin in the two areas different? Why do you think that is?

MAMMALS OF THE MID-SOUTH

1. In this section you will find a special kind of animal called a Mammal.
Mammals are animals that are covered in fur, give birth to live young, and feed their young with milk they produce.

Find the only flying mammal. (Hint: Look for a dark area.)

Where does this mammal like to live?

Can you think of other animals that can fly?

2. Find the armadillo. Armadillos are mammals.
Where can you find its fur? (Look closely!)
3. Look at the large diorama of mammals.
Are there animals that you have seen before? Write their names below.

GEOLOGY

1. Look for the display cases with lots of different minerals and crystals.
Pick one that you like the most. Fill in the blanks below to describe it.

Color or Colors: _____

Is it shiny? _____

How big do you think it is? Is it basketball sized? Is it penny sized? Is it coke bottle sized?

Do you think it would be heavy or light? _____

Why?

Do you have any other words to describe it? _____

2. Are these minerals and crystals solid?

How do you know?

DINOSAURS AND FOSSILS

1. Find the dinosaur footprints. Starting at one end of a footprint, place your hands side by side to measure how wide it is. Fill in the answer below:

The dinosaur foot print is _____ of my handprints wide.

2. **Fossils** are leftovers that are made when a plant or an animal dies and is buried for a long, long, time. Find some fossils that were found near Memphis in a place called Coon Creek. Pick one of the fossils and draw it below.

What kinds of animals do these fossils look like?

Where would we find animals like these today?