

Name: Answer Key

Date: \_\_\_\_\_

## Inheritance and Variation of Traits Study Guide

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### 1. List Examples:

#### Inherited Traits:

Eye color

Freckles

Height

Dimples

#### Learned Behaviors:

Knowing the alphabet

Riding a bike

Using a pencil

Playing the piano

### 2. Vocabulary Words to Know

Instinct- a behavior that does not have to be learned

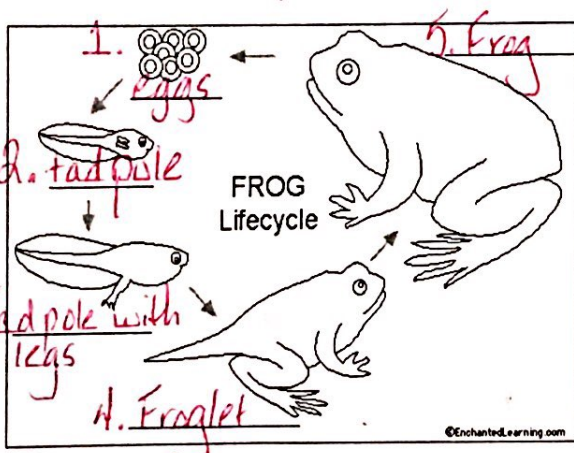
Carbon Dioxide- a gas in the air that plants need to survive

Need- something given to plants from their environment

Sunlight- something plants must capture for photosynthesis

Stimulus- when a lion is hungry it hunts for food

Energy- what plants and animals need to survive

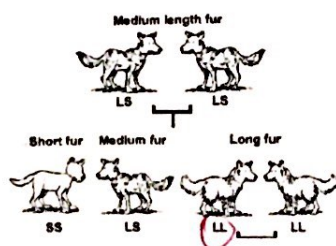


Be sure to number the diagram

Explain how the following animals would survive in their environment.

3. A raccoon in the city- tiny paws find food in garbage cans
4. Polar bear in the Arctic- white fur blend into the snow  
blubber (fat) keeps them warm
5. A giraffe in the savanna- long neck eats leaves from tall trees

6. Essay: If you were a bird who needed to survive in the forest, what would you need? Draw a picture and explain the characteristics on the back of this page. Claws, beak, feathers  
catch food fly



7. In the picture to the left, there are dogs with different fur lengths. Which dogs would survive in the Arctic vs. the desert?

LL = long fur  
SS = short fur  
LS = medium fur

The dog with the long fur could survive in the Arctic because his fur would keep him warm.