**Science Grade 3**

**Study Guide for Unit 3 Test on Plants and Animals**

1.  What is the definition of a life cycle?

2.  What is the name for any trait that helps a living thing survive?

3.  What is the definition of an instinct?

4.  What is the name for the major changes in an animal’s appearance during its life cycle?

5.  What is hibernation?

6.  A fruit holds the seeds of a flowering plant.  What is another structure that holds seeds?

7.  What special structure do pitcher plants have that help them to survive?

8.  Match the following adult animal with its offspring:

      frog                                  nymph

      ladybug                            tadpole

      butterfly                            pupa

      ostrich                              chick

9.  What helps seeds to spread?

10.  What part of a lion’s behavior is an instinct?

11.  When is the best time to make a graph of the changes in a plant’s height?

12.  What materials can you use to model a frog’s sticky tongue?

13.  What causes differences or diversity among the offspring of the same parents?

14.  A hedgehog has many spines.  What would be the most likely reason a hedgehog uses its spines?

15.  What is the definition of migration?   Why do some animals migrate?

16.  What kind of adaptation does a lizard use to get warm?

17.  How are the nymph and adult stages of a grasshopper similar?  How are they different?

18.  What is mimicry?

19.  Both plants and animals have adaptations for defense.  How are some adaptations that plants have for defense similar to those that some animals have?

20.  What would most likely be the reason that some fruit has formed only one seed instead of many?