

Name_____Date_____Hour_____

TEST is Thursday March 14th -Study Guide is Due Wednesday March 13

Science Study Guide

Chapter 2,

Sections 1, water cycle and Section 3

Study all of your flashcards. It is very important you understand those words for many questions on the test.

1. In your science spiral, answer the following questions. Short answer questions should be in complete sentences.

Answer questions on page 77, ONLY #'s 1-4 and 6-8.

Answer questions on page 78, ONLY #'s 9-11, 13, 17, 20-24

Answer questions on page 79, ONLY 2-5.

2. Construct a food chain using the picture given.

3. Construct a food web using the picture given that includes you. A web should include 7-8 organisms and some of them should have more than 1 arrow pointing to them. Identify the producers (plants, trees, bushes, algae, etc.) and the type of consumers (herbivores, omnivores, carnivores.) MAKE SURE THE ARROWS ARE POINTING TO WHO IS GETTING THE ENERGY, basically who is eating.

4. What percentage of the energy in the plants is passed on to the animals that eat them? _____

5. Why are there few third-level consumers like coyotes in an ecosystem? Why are there a lot of first level consumers?

6. Draw a water cycle and explain the different parts (precipitation, condensation, evaporation, run off water, and groundwater) thoroughly. MAKE SURE I KNOW THAT **YOU** KNOW HOW THE WATER CYCLE WORKS THROUGH YOUR DIAGRAM AND EXPLANATION.

7. Why are decomposers essential to life of Earth? In other words, what is the role of decomposers in our environment and how does what the decomposers do help our environment to continue on?

8. Describe what would happen to a whole ecosystem if all the plants died in that ecosystem.