Colegio Metropolitano
Sixth grade ENCINO PINO SAUCE
Science
Miss Alisson Coronado

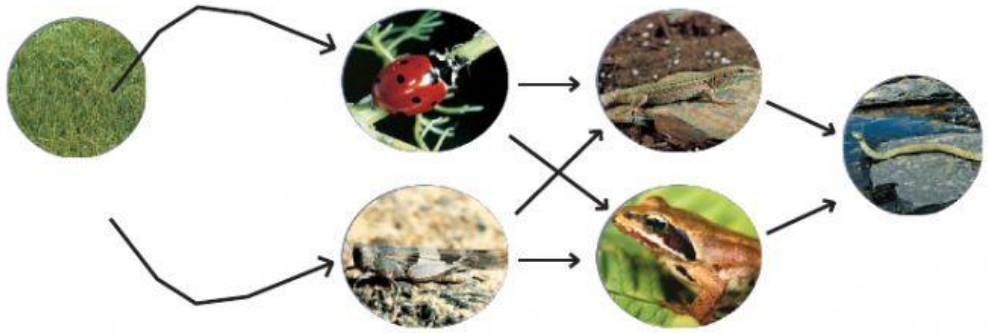
Knowledge Check 2

Name: _____ Code: _____

I UNIT – Date: _____

Contents to evaluate: food chains, food webs, types of consumers

PART 1 INSTRUCTIONS: Look at the food web and complete the table. (3 points each=18 points)



Which is the producer?	
What are the primary consumer organisms?	
What are the secondary consumerorganisms?	
Where does the snake get energy?	
Where does the energy originally come from?	
If the snake disappeared, what would happen to this food web?	

PART 2 INSTRUCTIONS: Mark each image with an **A** if it is an autotrophic organism and an **H** if it is a heterotrophic organism. (2 points each=16 points)










LIVEWORKSHEETS

PART 3 INSTRUCTIONS: Analyze the following chart. Answer the questions below. (5 points each=15)

A class visits a nature reserve every year, and the students record the populations of animals there.The following tables show the information recorded in 2005 and in 2012.

Records from 2005	
Species	Number
Worm	38
Thrush	26
Sparrow	23
Hawk	13
Fox	3

Records from 2012	
Species	Number
Worm	17
Thrush	14
Sparrow	0
Hawk	2
Fox	0

1. In 2007, farmers started using the land next to the reserve for agriculture. Taking this into account, answer the questions.
   What has happened to the animal populations in the study?

2. Draw a food chain with some of the species in the study.

3. What measures would you propose to protect the living things in this reserve?

4. Color the food chain. (1 point)

LIVEWORKSHEETS

Part 4 INSTRUCTIONS Solve the following questions. Highlight the correct answer. (5 points each)

1. What do a population and an ecosystem have in common?

a) Both include abiotic elements.

b) Both include biotic elements.

c) Both include different animal species.

d) Both include different plant species.

2. Which animals are all herbivorous?

a) Rabbit, snail, giraffe.

b) Leopard, giraffe, zebra.

c) Brown bear, dolphin, butterfly.

d) Great white shark, zebra, bat.

3. How are carnivores and herbivores similar?

a) Both produce their nutrition.

b) Both feed on plants.

c) Both feed on animals.

d) Both feed on other living things.

4. Which is a primary consumer?

A. B. C. D.






5. Which natural phenomena can affect food webs?

- Volcanic eruptions.
- Glacial periods.
- Droughts.
- Floods.

a) I and II.

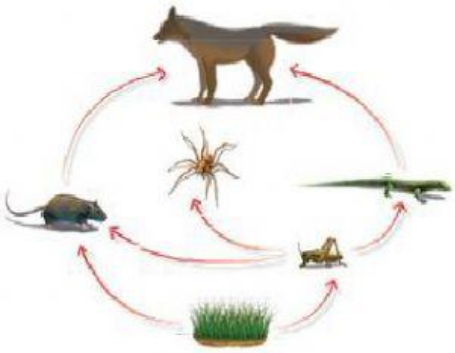
b) I and III.

c) I, II and III.

d) I, II, III and IV.

LIVEWORKSHEETS

Look at the image and answer the questions.



6. Which animal gets the most energy from the grass?

_____

7. Which is a chain in the food web?
a) grass – grasshopper – rat – fox
b) grass – grasshopper – spider – fox
c) grasshopper – spider – rat – fox
d) grass – spider – lizard – fox

8. What would happen to the rat if the fox disappeared?
a) It would decrease in numbers.
b) It would increase in numbers.
c) It would die.
d) Nothing would happen.

9. Which organism is key to the existence of all the others?
a) The fox.
b) The spider.
c) The grass.
d) The grasshopper.

10. Draw the arrows representing the flow of energy.



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