

STUDENT'S WORKSHEETS

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January-April 2009

Name _____

Date _____

Activity 1

In groups of three make a prediction about which of the items in the left column belong to an ecosystem.

	Yes	No	I don't know
Water			
Plants			
Cars			
Animals			
Plastic			
Sun			
Snow			
Ice			

***Once you have finished we are going to make a prediction chart collecting the predictions of the different groups.**

	Yes	No	We don't know
Group 1			
Group 2			
Group 3			
Group 4			
Group 5			

Name _____

Date _____

Activity 2

Circle L or N to indicate whether each object is a Living or Non-Living Thing.



L N



L N



L N



L N



L N



L N

Name _____

Date _____

Activity 3

Problem-Solving situation

In groups of two think what would you need to survive in a three different ecosystems, take notes about your conclusions.

Desert	
Arctic	
Ocean	

I will need to

Name _____

Date _____

Activity 4a

Read the information and complete the activity 4 handout



Polar Bears. Under their skin lies a thick layer of fat. All their body is covered with fur that insulates it from the cold. Beneath the fur their skin is black, which absorbs heat. Polar bears are excellent swimmers. They need to be because the ice is unpredictable and breaks constantly. They eat fish.



Camels live in deserts where there is not much water. They can spend a lot of time without drinking. Their body has a big hump where water accumulates. They feed mainly on plants and sometimes remains of dead animals.



Dolphins are mammals. They breathe air and feed their young on milk. They ancestors lived on land, so they had made many adaptations to live in the water. They feed on fish.

Name _____

Date _____

Activity 4b

Animal	Skin/Fur	Special Feature	Eat

Complete the sentences reading the information from the table .

Polar bears have _____

They can _____.

They eat _____

Camels have _____

They can _____

Dolphins have _____

They can _____

They eat _____

Name _____

Date _____

Activity 5

Write the information about the animal in the chart.

Stick the picture on the square and write a short sentence about it.

You may use the vocabulary in the box.

Skin, fur, scales, plants, fish, mice, rabbits, other animals, desert, forest, sea, snakes, insects

Animals	Food	Covering	Habitat



1. _____

2. _____

3. _____

Name _____

Date _____

Activity 6

Build a food chain using the words in the box.

Sun, grass, rabbit, hawk, plants, sea weeds, fish, seals,
polar bear, plants, deer, tiger, insect, frog

Name _____

Date _____

Activity 7

Write four sentences using the words in the chart.

Sun Grass Rabbit Hawk Insect Frog	is	a	consumer producer	because	produces eats	energy other animals
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1. _____

2. _____

3. _____

4. _____

Name _____

Date _____

Activity 8

a) Answer these questions before watching the videos.

What is a predator?	
What is a prey?	
What does a predator eat?	
What does a prey eat?	

b) Answer the questions after watching the videos.

What is a predator?	
What is a prey?	
What does a predator eat?	
What does a prey eat?	

Name _____

Date _____

Activity 9: Prey- Predator game.

The game can be played several times varying the number of predators.

Name _____

Date _____

Activity 10

Circle the organisms that complete the food chains below.

Diagram 1: Sun → grain → [a. lion, b. mouse, c. whale, d. grass, e. cow] → snake → hawk

Diagram 2: Sun → [a. lion, b. alligator, c. clam, d. grass, e. chicken] → cow → [a. spider, b. guppy, c. lobster, d. wheat, e. human]

Diagram 3: Sun → plants → [a. eagle, b. rabbit, c. falcon, d. grass, e. starfish] → coyote

Diagram 4: Sun → algae → [a. tadpole, b. spider, c. seaweed, d. moss, e. shark] → fish → [a. giraffe, b. alligator, c. ant, d. bread, e. deer]

Name _____

Date _____

Activity 11

Match the sentences. Report when you have finished.

1 There will be fewer rabbits a) because there is less rain.

2 There will be fewer hawks b) because there is no sun.

3 There will be fewer grass c) because there are no rabbits

4 There will be fewer grass d) because there is no grass.

Name _____

Date _____

Activity 12

Put the sentences in order.

There was a nice prairie with lots of grass.

There were no more rabbits or hawks on the prairie.

Later on there were no more rabbits.

After some time there was not enough grass for the rabbits.

Some horses arrived on the prairie.

The sheep started to eat the grass.

The horses started to eat the grass.

The hawk had to fly away to look for rabbits to eat.

There were rabbits living on the prairie. Rabbits eat grass.

One day a man came with some sheep to the prairie.

There was a hawk flying over the prairie. Hawks eat Rabbits.

Name _____

Date _____

Activity 13

Look for information about two ecological catastrophes which occurred recently.

Write the information in the chart and report it to the class. (Groups of 2 people)

Pupils will be given web sites to find the information about catastrophes.

Catastrophe	Where did it happen?	What happened?	Consequences
The sinking of the Prestige			
Chernobyl nuclear disaster			

Name _____

Date _____

Activity 14

In groups of 4 make a list of 5 things human can do to help ecosystems keep the balance and survive.

<p>We need to</p>	<p>stop</p> <p>protect</p> <p>recycle</p> <p>use</p>	<p>things, like plastic bags.</p> <p>using the car so much.</p> <p>polluting water.</p> <p>producing so much waste.</p> <p>chemical products in agriculture.</p> <p>use more recycled paper.</p> <p>polluting the air.</p> <p>fishing baby fish.</p> <p>endangered species.</p>
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Name _____

Date _____

Activity 15

Complete the sentences using the words in the box.

ecosystem, adaptations, cold, drinking, breathe producer, consumer, predator, prey, plants

1. An _____ is a space where different _____ and animals live together.

2. Animals need to make _____ to survive in different ecosystems.

3. Polar bears have their body covered with fur to protect them from the _____

4. Camels can spend a lot of time without _____ water.

5. Dolphins can _____ out of the water.

6. The sun is a _____

7. The hawk is a _____

8. An animal that kills another animal and eats it is a _____

9. An animal that is eaten by another animal is a _____