

First Grade “Living Things and Their Environments” Assessment

- 1a. The place where an animal or plant normally lives is called its _____.
- a. predator
 - b. habitat
- 1b. The place where an animal or plant normally lives is called its _____.
- 1c. Write the meaning of the word habitat:
- _____
- _____
- 2a. Which animal would you not find in a forest?
- a. zebra
 - b. squirrel
 - c. deer
 - d. bear
- 2b. Name two animals you would find in a forest:
- 1. _____
 - 2. _____
- 2c. Why is the forest a good habitat for a squirrel?
- _____
- _____
- 3a. Which two plants would you most likely find in a meadow or on a prairie?
- a. grass and wildflowers
 - b. saguaro cactus and tall trees
- 3b. Name two plants you would find in a meadow or prairie.
- 1. _____
 - 2. _____
- 3c. Name two plants and two animals that live in a prairie or meadow.
- | | Plants | Animals |
|----|--------|---------|
| 1. | _____ | _____ |
| 2. | _____ | _____ |
- 4a. Do any animals live underground?
- a. yes
 - b. no
- 4b. Name an animal that lives underground: _____

4c. How is a mole suited for its underground habitat?

5a. Can any plants or animals live in a desert?

- a. yes
- b. no

5b. Which plant can live in the desert?

- a. vines
- b. oak trees
- c. cactus

5c. Name one plant and one animal that lives well in the desert.

Plant	Animals
1. _____	_____

6a. What does a fish use to breathe under water?

- a. lungs
- b. gills

6b. Could many animals that live in a lake or river go live in the ocean?

- a. yes
- b. no

6c. Draw a pond habitat with three pond animals and tell what they are.

7a. Can plants make their own food out of sunshine, air, water and nutrients from the soil in which they live?

- a. yes
- b. no

7b. _____ can make their own food out of sunshine, air, water and nutrients from the soil.

- a. animals
- b. plants
- c. insects

7c. Name three things plants need to make their own food.

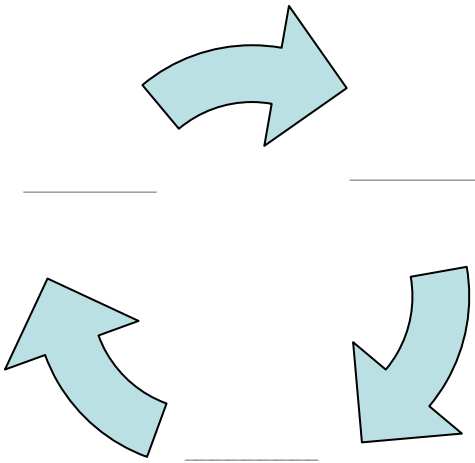
1. _____
2. _____
3. _____

8a. When animals eat plants or other animals we call it the _____ chain.

- a. animal
- b. plant
- c. food

8b. _____ are the beginning of the food chain.

8c. Draw a food chain that has three parts and that begins with a plant.



9a. Most of the Earth is covered with _____.

- a. land
- b. water

9b. _____ cover most of the surface of the Earth.

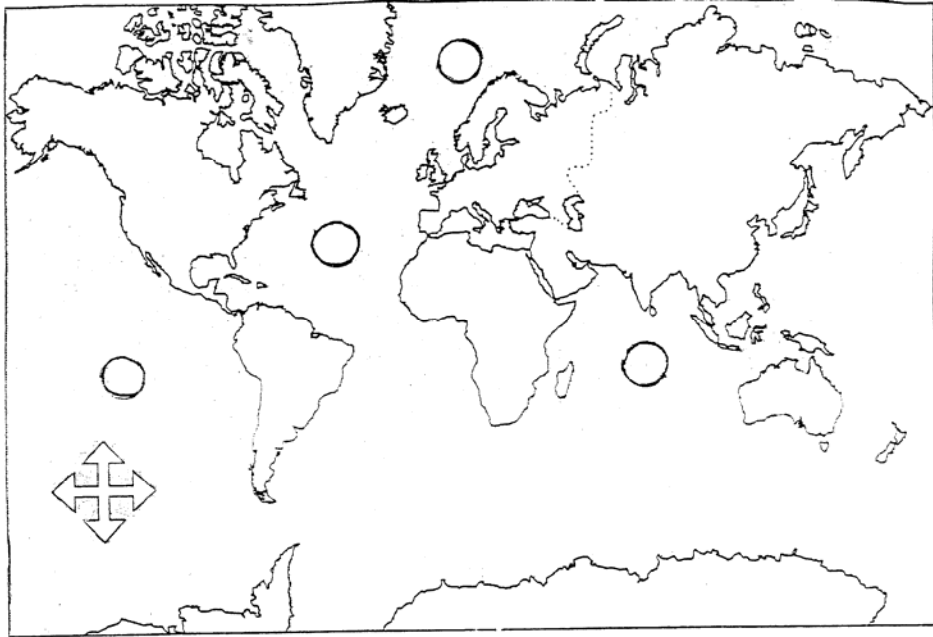
- a. Mountains
- b. Deserts
- c. Lakes
- d. Oceans

9c. Name the Earth's four main oceans:

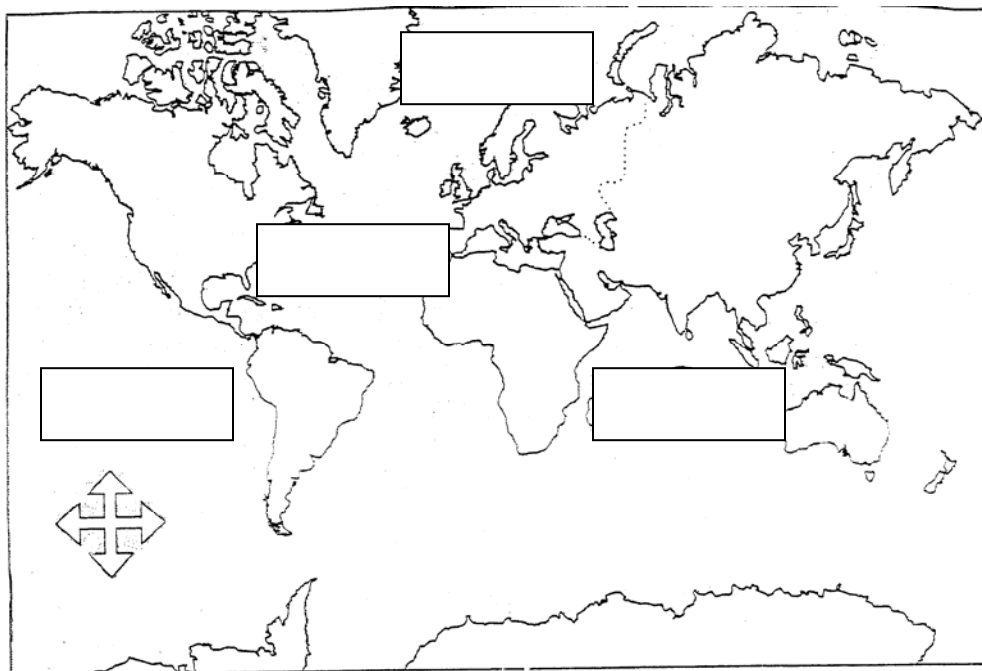
1. _____
2. _____
3. _____
4. _____

10a. Write the indicated number on the map for each of the four oceans as I read the name to you:

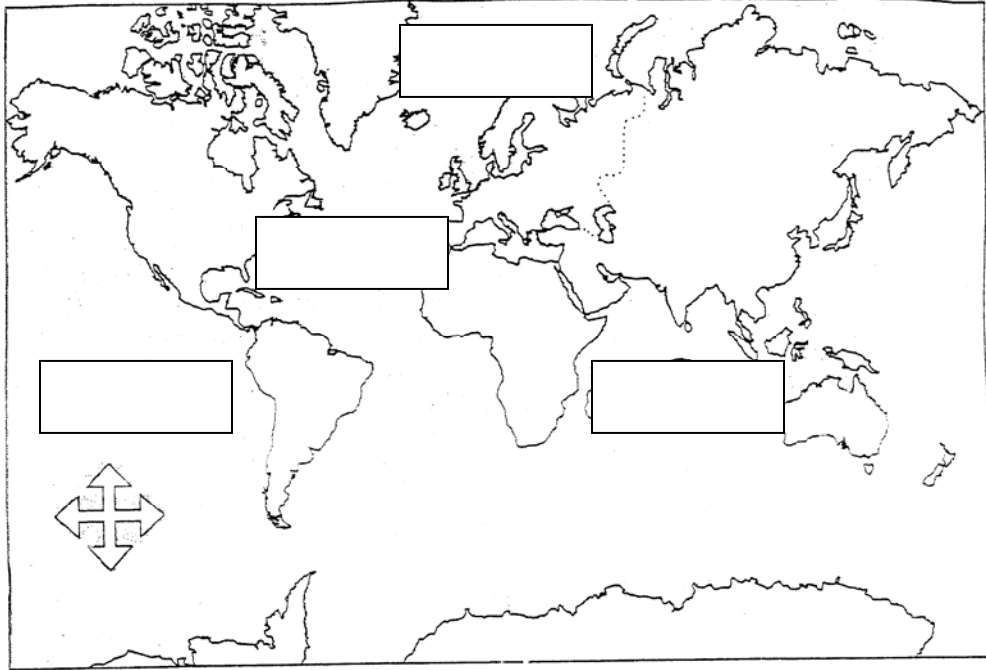
1. Pacific Ocean
2. Arctic Ocean
3. Indian Ocean
4. Atlantic Ocean



10b. Copy the name for each ocean into the box to show its location on the map (Atlantic Ocean, Pacific Ocean, Arctic Ocean, Indian Ocean).



- 10c. Write (and spell correctly) the name of each ocean into the box to show its location on the map.



- 11a. The ocean has which kind of water?
- salty
 - fresh
- 11b. What kind of water does a shark live in?
- fresh
 - salty
- 11c. Name two ways oceans are different from lakes or ponds
- _____
 - _____
- 12a. What do we call the place where the ocean meets the land?
- edge
 - shore
 - tide
- 12b. Twice every day, the level of the ocean rises and falls as it meets the shore. This is called the ocean's _____.
- current
 - waves
 - tides
 - beach

12c. Tell two things you know about tides.
1. _____
2. _____

13a. Moving streams of water that move in the ocean are called _____.
a. rivers
b. currents

13b. Moving streams of water that move in the ocean are called _____.
a. waves
b. rivers
c. currents
d. tides

13c. What can a current do to a ship crossing the ocean?

14a. What is at the bottom of the ocean?
a. nothing but water
b. land

14b. What would we find on the ocean floor?
a. peaks and valleys
b. trees
c. lakes
d. cactus

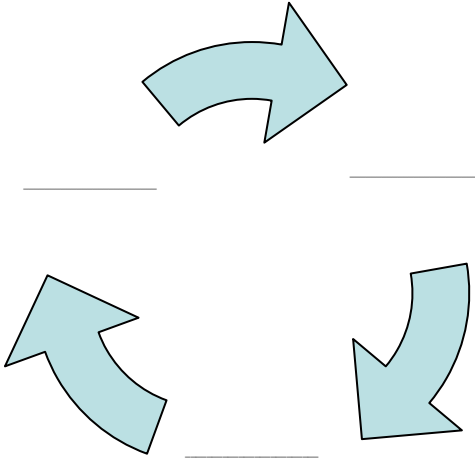
14c. Draw a picture of the ocean floor. Do not draw any plants or animals. Only draw the landforms that might be under the water.

15a. What is the largest animal?
a. elephant
b. whale

15b. What is the name for the microscopic (teeny-tiny) plants and animals in the ocean?
a. goldfish

- b. shrimp
- c. plankton
- d. kelp

15c. Draw an ocean food chain that starts with plankton.



16a. When people dump trash or chemicals into a habitat that is called _____.

- a. erosion
- b. pollution

16b. What can hurt the ocean habitat?

- a. pollution
- b. swimming
- c. tides
- d. currents

16c. Tell two things people do that could hurt the ocean habitat.

1. _____
2. _____

17a. What can change a habitat naturally (without people doing it)?

- a. weather
- b. building cities

17b. What is not a natural force that changes habitats?

- a. rain
- b. weather
- c. erosion
- d. pollution

17c. Name two natural forces that change habitats.

1. _____
2. _____

- 18a. What can destroy an animal's habitat?
- a. animals living there
 - b. people cutting down trees
- 18b. What does not destroy an animal's habitat?
- a. building houses
 - b. cutting down trees
 - c. walking on the paths
 - d. filling in ponds with dirt
- 18c. Name two things people do that hurt animals' habitats:
- 1. _____
 - 2. _____
- 19a. Who was a scientist that learned that poisoning bugs also hurts other animals and people?
- a. Louis Pasteur
 - b. Rachel Carson
- 19b. A scientist who taught how the poison DDT could hurt people was named _____.
- a. Edward Jenner
 - b. Louis Pasteur
 - c. Thomas Edison
 - d. Rachel Carson
- 19c. Why did Rachel Carson want farmers to stop using DDT to kill insects?
- _____
- _____
- 20a. Animals that eat only plants are called:
- a. herbivores
 - b. carnivores
- 20b. Animals that eat both plants and meat are called:
- a. herbivores
 - b. carnivores
 - c. omnivores
 - d. extinct
- 20c. Draw animals in a food chain and label the animals as herbivore or carnivore.

- 21a. All dinosaurs are _____.
- a. carnivores
 - b. extinct
- 21b. When all of certain kind of animal dies off and no longer exists anywhere in the world, we say it is _____.
- a. endangered
 - b. herbivore
 - c. extinct
 - d. carnivore
- 21c. People worry about endangered animals because we think they might become _____.

The following Colorado Model Content Standards are addressed in this assessment by the questions indicated:

Questions 8a, 8b, 8c: 1.1.2E draw pictures that portray some features of a natural event they observe

Questions 12a, 12b, 12c, 16a, 16b, 16c: 1.2.C describe interactions that produce change in a system

Questions 21a, 21b, 21c: 1.4.B know that fossils are evidence of plants and animals that lived on Earth long ago

Answer Key

- 1a. b. habitat
1b. habitat
1c. Acceptable answers could include:
-A habitat is the place where an animal or plant normally lives.
- 2a. b. zebra
2b. Acceptable answers could include:
-squirrel
-bird
-deer
-bear
2c. Acceptable answers could include:
-It has food, shelter, and a place to raise its young.
- 3a. a. grass and wildflowers
3b. Acceptable answers could include:
-grasses and wildflowers
3c. Acceptable answers could include:
-grasses
-wildflowers
-antelope
-prairie dogs
-rabbits,
- 4a. a. yes
4b. Acceptable answers could include:
-mole
-grub
-worm
-rabbit
4c. Acceptable answers could include any two of the following facts:
-A mole has long, slender paws for digging, keen sense of smell, poor eyesight because it is dark anyway.
-It eats worms and grubs which are found underground.
- 5a. a. yes
5b. cactus
5c. Acceptable answers could include:
-plant: cactus, sagebrush
-animals: lizard, snake, scorpion
- 6a. b. gills
6b. b. no

6c. Acceptable answers could include:

- frog
- salamander
- newt
- fish
- duck
- toad
- tadpole

7a. a. yes

7b. b. plants

7c. Acceptable answers could include three of the following:

- sunshine
- air
- water
- nutrients from the soil

8a. c. food

8b. plants

8c. Acceptable answers could include:

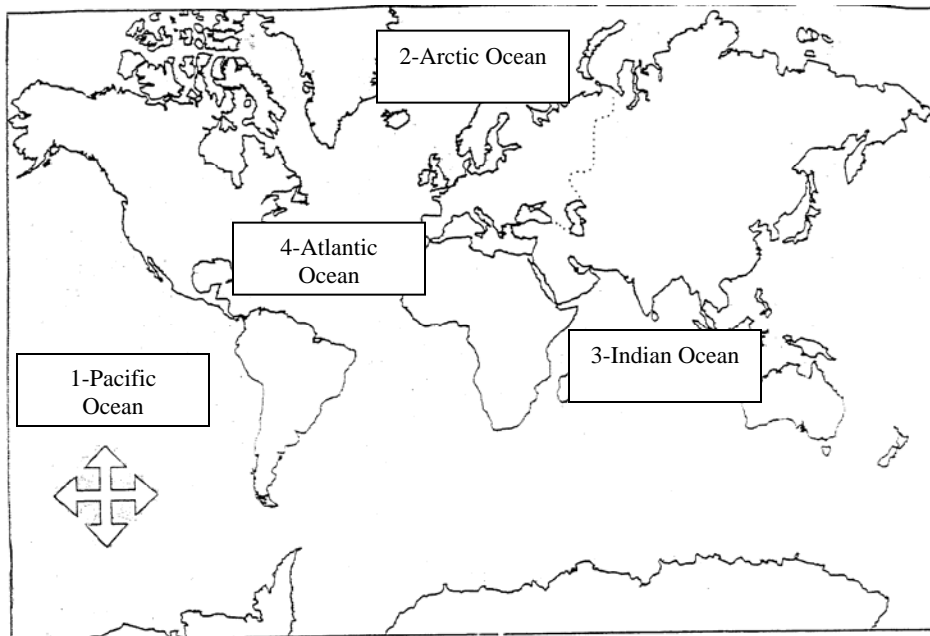
- grass
- rabbit
- eagle

9a. b. water

9b. d. oceans

9c. Pacific, Atlantic, Indian, Arctic

10a, 10b, 10c.



- 11a. a. salty
- 11b. b. salty
- 11c. Acceptable answers could include two of the following facts:
 -The ocean has salt water, but ponds and lakes have fresh water.
 -The oceans are much bigger than ponds and lakes.
 -Different animals and plants live in oceans.
- 12a. b. shore
- 12b. c. tides
- 12c. Acceptable answer could include:
 -High tide is when the waves of the ocean come in further and higher on the land.
 -Low tide is when the waves do not come in as far.
 -This happens twice each day.
 -Tides leave many sea creatures behind in tide pools.
 -Tides are caused by the gravitational pull of the moon.
- 13a. b. currents
- 13b. c. currents
- 13c. A current can push a ship off course.
- 14a. b. land
- 14b. a. peaks and valleys
- 14c. Picture should show land which could include hills, valleys, mountains and trenches.
- 15a. b. whale
- 15b. c. plankton
- 15c. Acceptable answers could include:
 -plankton
 -clown fish
 -tuna fish
- 16a. b. pollution
- 16b. a. pollution
- 16c. Pollution like an oil spill, garbage or other litter; over-fishing which endangers a species and could alter the food chain.
- 17a. a. weather
- 17b. d. pollution
- 17c. Acceptable answers could include two of the following:
 -wind
 -rain
 -erosion
 -weather
 -heat
 -cold

- 18a. b. people cutting down trees
- 18b. c. walking on the paths
- 18c. Acceptable answers could include two of the following:
-build buildings
-make roads
-start fires
-build dams
-pollute water sources
-kill off or poison part of the food chain
- 19a. a. Rachel Carson
- 19b. d. Rachel Carson
- 19c. Because it killed birds and other animals that ate the poisoned insects.
- 20a. a. herbivores
- 20b. c. omnivores
- 20c. Acceptable answers could include:
-An example might be a squirrel eats a nut, a hawk eats the squirrel, an eagle eats the hawk. The squirrel is an herbivore, the hawk is an omnivore, the eagle is an omnivore.
- 21a. b. extinct
- 21b. c. extinct
- 21c. extinct