

interactive SCIENCE



WORKBOOK

Grade 2



SEMESTER

2

Name: _____

Class: _____

Teacher: _____

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GRADE 2

Chapter 2

Plants and Animals



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Earth's Materials



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WORKBOOK CHECKLIST



Name: _____

Grade 2 _____

LESSON	PAGE NO.	✓	TEACHER'S SIGNATURE	PARENT'S SIGNATURE
		X		
Chapter 2: Plants and Animals				
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Lesson 1: What are Parts of Plants? (use with pages 76 – 81)



Words to Know: Write the word next to the description it matches.

Stem

Roots

Nutrients

1. A _____ is a food material that a living things need to live and grow.

2. _____ is a part of the plant that carries water and nutrients to the leaves.

3. _____ are parts of the plant that hold the plant in place and take in water and nutrients.



True or False: Write T if the statement is correct and F if not.

- _____ 1. Most plants are **seed plants**.
- _____ 2. In some plants, **seeds form in the flower**.
- _____ 3. All plants have **stem, roots and leaves only**.
- _____ 4. Plants **need** air, water, sunlight, space and nutrients to grow.



Explain: Answer the questions on the line below.

1. What do plants need to grow?



2. In what two places on plants do seeds grow?



Apply Concepts

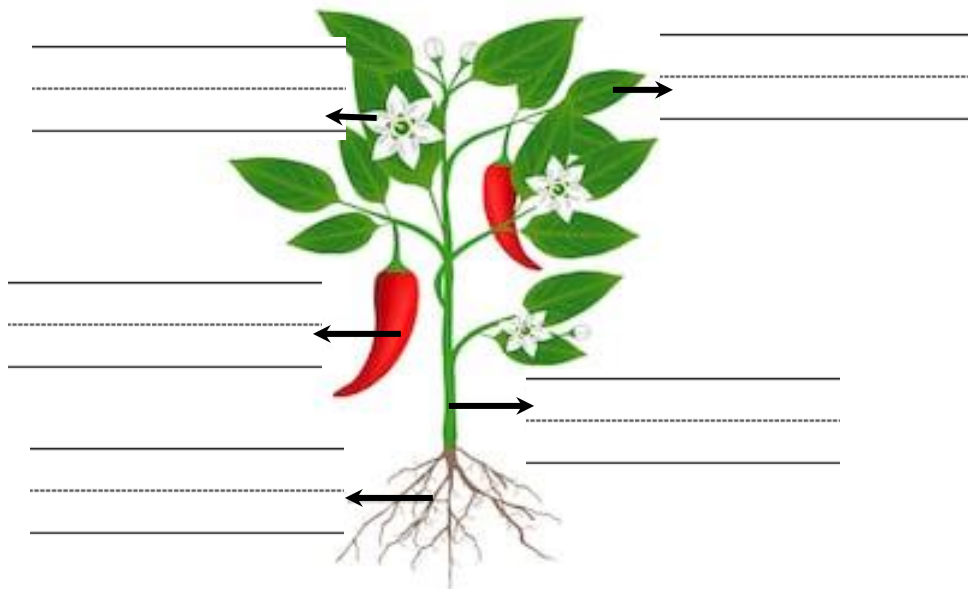
10. Think about a flower growing on your garden. You notice that all of its leaves have fallen off. Why is it a problem for a plant?





Label the parts of the plant.

roots	stem	leaf	flower	fruit
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Name: _____

Date: ____ / ____ / ____

Lesson 2: What are Some Kinds of Animals? (use with pages 82 – 87)



Words to Know: Write the word next to the description it matches.

Bones

amphibian

- _____
- _____
1. _____ help animals move and protect some of its body parts.

 2. An _____ is an animal that lives part of its life in water and part of its life on land.



True or False: Write T if the statement is correct and F if not.

- _____ 1. Insects have **eight legs**.
- _____ 2. All animals **have backbones**.
- _____ 3. Amphibians **hatch from eggs**.
- _____ 4. You **can group animals** in different ways.



Explain

1. Tell how fish and birds are different. Then tell how they are alike.

Fish	Fish and Bird	Bird



Apply Concepts



2. Is the picture a spider, or an insect? Explain your answer.

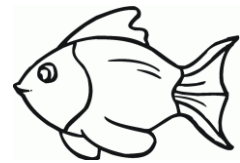


Match the pictures with the correct word.

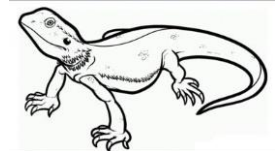
Fish



Bird



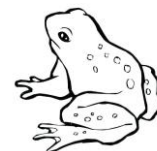
Insect



Reptile



Mammal



Amphibian



Name: _____

Date: ____ / ____ / ____

Lesson 3: What are Some Parts of Animals? (use with pages 88 – 93)



Words to Know: Write the word next to the description it matches.

Beak

Spikes

Camouflage

1. _____ is a bird's body part that is used for eating.
2. _____ are porcupine's sharp body parts that protect it.
3. _____ is a color or shape that makes an animal hard to see.



True or False: Write T if the statement is correct and F if not.

- _____ 1. All animals **have the same** basic needs.
- _____ 2. Some animals **use their body parts** to stay safe.
- _____ 3. All animals protect themselves in **the same way**.
- _____ 4. Animals use their body parts **to get what they need**.



Explain



1. How does a bird's beak help get what it needs? Give an example.

2. Name three ways animals may protect themselves from other animals.



Apply Concepts

3. A tiger's stripes blend in with the tall grasses where it lives. Why are stripes an important part of a tiger?



Name: _____

Date: ___/___/___

Lesson 4: Where Do Plants and Animals Live? (use with pages 94 – 99)



Words to Know: Write the word next to the description it matches.

wetland

desert

habitat

- A _____ is a hot, dry place where few plants can live.
- An animal's _____ is the place where it lives and meets its needs.
- Many plants and animals in a _____ live in water.






True or False: Write T if the statement is correct and F if not.

- _____ 1. Ocean water **does not** contain salt.
- _____ 2. Cactuses and camels **live in some desert.**
- _____ 3. Forests **have** many kinds of plants and animals.
- _____ 4. Plants and animals **depend on one another** to get what they need.



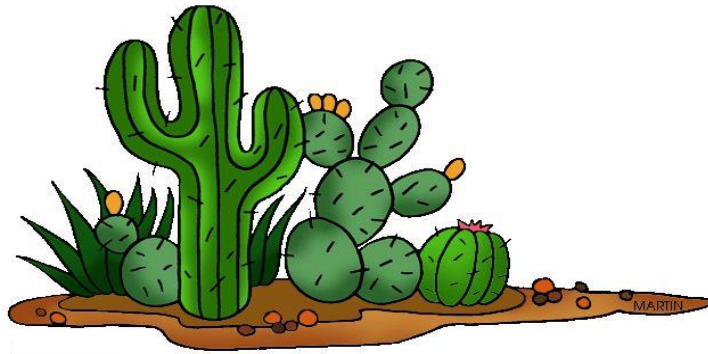
Explain: Tell two things about each kind of habitat.

Forest		Ocean		Rain forest	



Apply Concepts

1. What is this plant? Where does it live? How does it get what it needs?



Handwriting practice lines consisting of three sets of solid top and bottom lines with a dashed middle line.

Name: _____

Date: ___/___/___

Lesson 5: How Do Living Things Get food? (use with pages 100 – 103)



Words to Know: Write the word next to the description it matches.

Food chain

Predator

Prey

1. _____ a model that shows how energy passes from one living thing to another.
2. _____ an animal that is caught and eaten.
3. _____ an animal that catches and eats another animal.



True or False: Write T if the statement is correct and F if not.

- _____ 1. Animals **can make** their own food.
- _____ 2. Plants **use the sun's energy** to make food.
- _____ 3. The **snake and the hawk** are prey.
- _____ 4. Voles **eat grass** for energy.

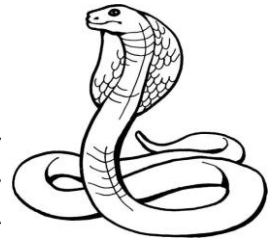


Explain: Tell if each statement is true or false. Explain your choice.

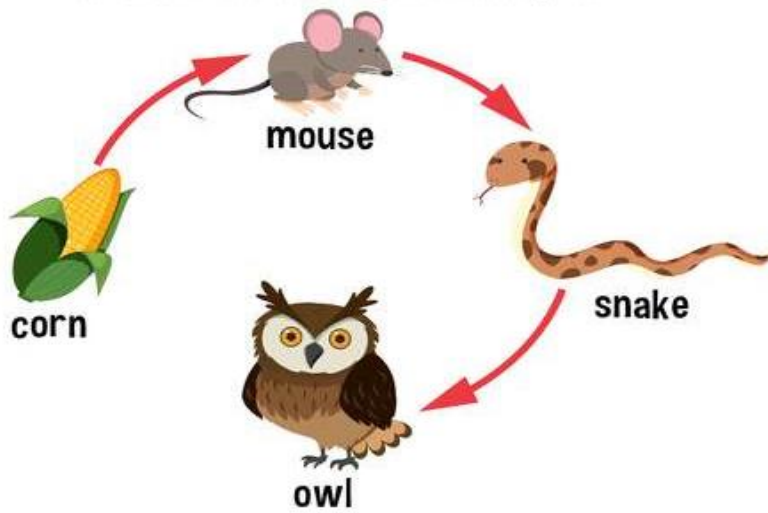
1. Plants and animals can make their own food. _____
This statement is _____ because _____

2. A snake is a predator.

This statement is _____ because _____



Apply Concepts: Look at this picture. Tell how energy passes from one living thing to another in this food chain.



Name: _____

Date: ___/___/___

Lesson 1: What are Some Kinds of Land and Water? (use with pages 132 – 137)



Words to Know: Write a sentence that uses each word.

Landform

Glacier

1. _____

2. _____



True or False: Write T if the statement is correct and F if not.

- _____ 1. Over **two – thirds** of Earth's surface is **covered by land**.
- _____ 2. An island is a land that is **surrounded by water**.
- _____ 3. Ponds are **much larger** than lakes.
- _____ 4. Most rivers and streams are **salt water**.



Explain

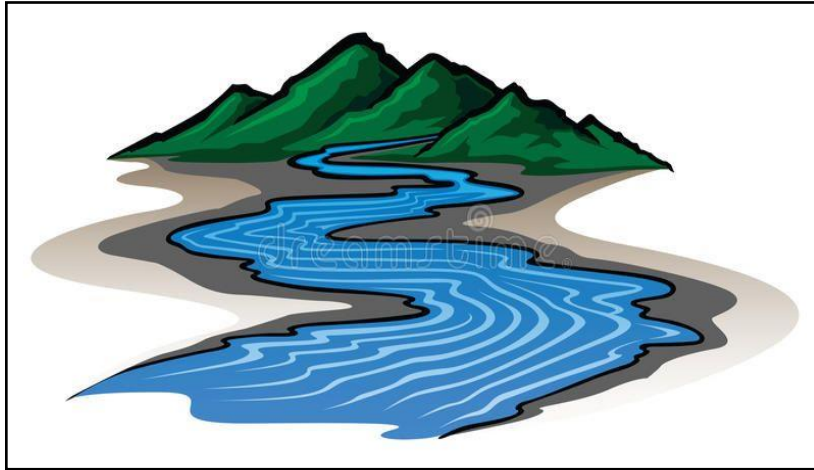
1. What does a plain look like?



- _____
- _____
- _____
- _____
- _____



Apply Concepts



What landform is in this picture? What body of water is in this picture? Tell how you know.

Name: _____

Date: ___/___/___

Lesson 2: What Changes Land? (use with pages 138 – 143)



Words to Know: Write the word next to the description it matches.

weathering

erosion

1. When wind or water moves rocks it is called _____

2. _____ is when water or ice breaks down rocks.



True or False: Write T if the statement is correct and F if not.

_____ 1. Earth is **always** changing.

_____ 2. Earthquakes and volcanic eruption are **slow change**.

_____ 3. Weathering and erosion **change land slowly**.

_____ 4. Living things **can cause erosion**.



Explain

1. Put an X on a way that Earth can change fast.



2. Circle two ways water can change rock.

A. Sand and soil

B. Earthquakes and volcanoes

C. Weathering and Erosion





Apply Concepts

1. Look at the picture. Is this a fast change or a slow change?
Write how you know.



