

## Unit 1.1. What plant and animal characteristics are inherited?

### 1. Fill in the gaps with the words.

**characteristics**

**offspring**

**heredity**

**inherit**

1. \_\_\_\_\_ are the qualities an organism has.
2. \_\_\_\_\_ is the scientific study about passing of characteristics from parents to offspring.
3. To \_\_\_\_\_ is to receive characteristics, or traits, from an organism's parents.
4. Gregor Mendel found that the pea plant \_\_\_\_\_ did not always look exactly like their parents.

**advantage**

**competition**

**camouflage**

5. \_\_\_\_\_ occurs when two or more living things need the same resources in order to survive.
6. Peppered moths used to survive by using their light color as \_\_\_\_\_ against the background of the lichens growing on trees.
7. \_\_\_\_\_ is a characteristic or behavior that can help an individual organism compete.

2. Which characteristics did you inherit from your parents?

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3. Which characteristic helps a prickly pear cactus survive in a dry environment? Circle.

- a) Sharp spines      b) Waxy coating      c) Flattened stems

4. What can be an advantage of a lion cub running after a rabbit?

- a) Bigger size      b) Faster speed      c) Being hungry

5. How does competition happen in giraffes?

6. Fill in the gaps with the words.

behaviors

stimulus

instinct

- 1) \_\_\_\_\_ are the ways that animals act.
- 2) \_\_\_\_\_ is something that causes a reaction in a living thing.
- 3) \_\_\_\_\_ is a behavior that is inherited.

## 7. Match.

migration

protection

hibernation

When the porcupine is threatened, it will turn its back and raise its quills towards its enemy.

It is movement between habitats. Flocks of Canada geese travel from Canada to Mexico to escape cold winters.

This is a state of inactivity that occurs in some animals when outside temperatures are cold.

**8. Read. Is instinctive or learned behavior described in the examples?**

1) Dogs stay away from skunks.	Instinctive	Learned
2) Lions know how to hunt.	Instinctive	Learned
3) Spiders know how to spin webs.	Instinctive	Learned

**Unit 6.1. How is matter measured?**

**9. Read. Unscramble the underlined words.**

- 1) Smsa \_\_\_\_\_ is the measure of the amount of matter that makes up an object.
- 2) Scientists use metric units when they seamuer \_\_\_\_\_ and compare matter.

**10. Complete the sentence.**

1,000 milligrams (mg) is equal to \_\_\_\_\_gram (g), and 1,000 grams (g) is equal to \_\_\_\_\_ kilogram (kg).

**11. What is the law of conservation of mass? Mark (V).**

- a) It states that the parts of an object will have the same total mass as the whole object. ☐
- b) It states that the parts of an object will not have the same total mass as the whole object. ☐

**12. What instrument(s) to measure mass do you know?**