

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?

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?