

# Chapter 6 vocab

## Content Vocabulary

### LESSON 1

## Fossil Evidence of Evolution

**Directions:** In the puzzle below, each number will correspond to one letter of the alphabet. For example, 7 = I. Shaded letters will not be used. Crack the code by using the clues for hints. After you read the clues and fill in the blanks, complete the chart with the number that corresponds to each letter you have used.

A	B	C	D	E	F	G	H	I	J	K	L	M
								7				

N	O	P	Q	R	S	T	U	V	W	X	Y	Z

1. a chart of Earth's past

$\overline{16}$   $\overline{2}$   $\overline{26}$   $\overline{23}$   $\overline{26}$   $\overline{16}$   $\overline{7}$   $\overline{25}$   $\overline{13}$   $\overline{7}$   $\overline{6}$   $\overline{2}$   $\overline{22}$   $\overline{25}$   $\overline{17}$   $\overline{23}$   $\overline{2}$

2. change over time

$\overline{19}$   $\overline{7}$   $\overline{26}$   $\overline{23}$   $\overline{26}$   $\overline{16}$   $\overline{7}$   $\overline{25}$   $\overline{17}$   $\overline{23}$   $\overline{2}$   $\overline{12}$   $\overline{26}$   $\overline{23}$   $\overline{24}$   $\overline{13}$   $\overline{7}$   $\overline{26}$   $\overline{15}$

3. evidence of an organism's activity

$\overline{13}$   $\overline{4}$   $\overline{17}$   $\overline{25}$   $\overline{2}$   $\overline{20}$   $\overline{26}$   $\overline{22}$   $\overline{22}$   $\overline{7}$   $\overline{23}$

4. occurs when no individuals of a species remain

$\overline{2}$   $\overline{8}$   $\overline{13}$   $\overline{7}$   $\overline{15}$   $\overline{25}$   $\overline{13}$   $\overline{7}$   $\overline{26}$   $\overline{15}$

5. atoms of the same element that have different numbers of neutrons

$\overline{7}$   $\overline{22}$   $\overline{26}$   $\overline{13}$   $\overline{26}$   $\overline{11}$   $\overline{2}$   $\overline{22}$

6. all fossils ever discovered on Earth

$\overline{20}$   $\overline{26}$   $\overline{22}$   $\overline{22}$   $\overline{7}$   $\overline{23}$   $\overline{4}$   $\overline{2}$   $\overline{25}$   $\overline{26}$   $\overline{4}$   $\overline{10}$

7. impression of an organism in rock

$\overline{6}$   $\overline{26}$   $\overline{23}$   $\overline{10}$

8. similar cells that work together

$\overline{13}$   $\overline{7}$   $\overline{22}$   $\overline{22}$   $\overline{24}$   $\overline{2}$

9. fossil copy of an organism in a rock

$\overline{25}$   $\overline{17}$   $\overline{22}$   $\overline{13}$

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**Content Practice B**

**LESSON 2**

**Theory of Evolution by Natural Selection**

**Directions:** On each line write the letter of the term from the word bank that matches the definition correctly. Some terms will not be used.

- |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| A. adaptations           | E. ancestor              | I. artificial selection  |
| B. behavioral adaptation | F. camouflage            | J. functional adaptation |
| C. mimicry               | G. naturalist            | K. natural selection     |
| D. selective breeding    | H. structural adaptation | L. variations            |

- \_\_\_\_\_ 1. the breeding of organisms for desired characteristics
- \_\_\_\_\_ 2. characteristics of a species that enable it to survive
- \_\_\_\_\_ 3. explains how populations change as their environment changes
- \_\_\_\_\_ 4. slight differences in the appearance of individual members of a species
- \_\_\_\_\_ 5. an adaptation that involves the way an organism behaves
- \_\_\_\_\_ 6. an adaptation that enables a species to blend in with its environment
- \_\_\_\_\_ 7. an adaptation that involves internal body systems that affect biochemistry
- \_\_\_\_\_ 8. an adaptation that involves color, shape, and other physical characteristics
- \_\_\_\_\_ 9. the resemblance of one species to another species
- \_\_\_\_\_ 10. the results of selective breeding

**Content Vocabulary**

**LESSON 3**

***Biological Evidence of Evolution***

**Directions:** On each line, write the term from the word bank that correctly completes each sentence. NOTE: You may need to change a term to its plural form.

analogous structure

comparative anatomy

embryology

homologous structure

vestigial structure

1. The forelimbs of bats, humans, and frogs are examples of \_\_\_\_\_.
2. The wings of birds and flies are examples of \_\_\_\_\_.
3. The wings of flightless cormorants are examples of \_\_\_\_\_.
4. A scientist working in the field of \_\_\_\_\_ might research the development of internal structures of organisms before the organisms are born.
5. \_\_\_\_\_ is the study of the similarities and differences among structures of living species.

