

Name: \_\_\_\_\_

PAGE **12** **Weight & Switch****DIRECTIONS:** Correctly match the sentence in the left column with the word or phrase in the right column.

- |   |                                     |
|---|-------------------------------------|
| ___ 1. This toxic heavy metal can disrupt many organ systems in humans and animals. | <b>a.</b> tin, ceramic, and steel   |
| ___ 2. These safe materials can be used to replace lead in fishing weights.         | <b>b.</b> pebbles                   |
| ___ 3. Waterbirds swallow these on purpose to aid in digestion.                     | <b>c.</b> trumpeter swans and loons |
| ___ 4. Lead poisoning is responsible for the death of many of these waterbirds.     | <b>d.</b> lead                      |
| ___ 5. This side effect of lead poisoning makes birds easy targets for predators.   | <b>e.</b> poor balance              |

PAGE **14** **Freed From the Ice****DIRECTIONS:** Circle the incorrect word or phrase below, and write the correct word or phrase above it.

1. Glaciers form in areas of low latitude and high altitude.
2. Ice patches are like tiny glaciers that rapidly move.
3. Global warming is causing glaciers to freeze faster than they ever have in recent times.
4. Once exposed to air, a wooden tool could last unfrozen for only 50 to 100 years.

PAGE **20** **DNA Detectives****DIRECTIONS:** Fill in the blanks to complete the following statements.

1. Scientists can use \_\_\_\_\_, or the chemical that carries hereditary information, to identify the animal that was used to make leather products like handbags.
2. DNA is made up of four different chemicals called \_\_\_\_\_.
3. Short sections of DNA, known as the \_\_\_\_\_, are searched against a computer database of sequences to help determine if a product is made from a legally protected species.
4. For a machine to easily read a DNA sequence, scientists must first \_\_\_\_\_, or copy, the barcode region.