

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

Date: \_\_\_\_\_

## CELLS AND RESPIRATION VOCABULARY QUIZ

**Directions:** Answer the questions below using the words listed in the word bank.

1. The \_\_\_\_\_ contains the instructions needed for all cells.
2. When a parent passes on its genetic information to a child it is called \_\_\_\_\_.
3. The gills of the fish and the lungs of a human are part of the \_\_\_\_\_ system.
4. Each cell contains structures called \_\_\_\_\_ that carry on all the duties of the cell.
5. \_\_\_\_\_ is the branch of science that studies DNA and heredity.
6. The job of the \_\_\_\_\_ in the cell is to change sugar into energy.
7. The basic building block of an animal is the \_\_\_\_\_.
8. Water passes through the \_\_\_\_\_ in the fish's gills to take the oxygen out of the water.
9. Oxygen travels with the blood through \_\_\_\_\_ to get to all the cells of the body.
10. The \_\_\_\_\_ digests the nutrients in the cell.
11. Humans have \_\_\_\_\_ in their lungs to take oxygen out of the air.

Respiratory

Filaments

Capillaries

Alveoli

Cell

Organelles

Nucleus

Mitochondria

Lysosome

Genetics

Heredity

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## CELLS AND RESPIRATION VOCABULARY QUIZ ANSWER KEY

**Directions:** Answer the questions below using the words listed in the word bank.

1. The NUCLEUS contains the instructions needed for all cells.
2. When a parent passes on its genetic information to a child it is called HEREDITY.
3. The gills of the fish and the lungs of a human are part of the RESPIRATORY system.
4. Each cell contains structures called ORGANELLES that carry on all the duties of the cell.
5. GENETICS is the branch of science that studies DNA and heredity.
6. The job of the MITOCHONDRIA in the cell is to change sugar into energy.
7. The basic building block of an animal is the CELL.
8. Water passes through the FILAMENTS in the fish's gills to take the oxygen out of the water.
9. Oxygen travels with the blood through CAPILLARIES to get to all the cells of the body.
10. The LYSOSOME digests the nutrients in the cell.
11. Humans have ALVEOLI in their lungs to take oxygen out of the air.

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| Respiratory  |
| Filaments    |
| Capillaries  |
| Alveoli      |
| Cell         |
| Organelles   |
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| Lysosome     |
| Genetics     |
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