

GALE SCAVENGER HUNT: ANIMAL CELLS

Gale Interactive: Science

Directions: Use *Gale Interactive: Science* to find answers to the following questions about Animal Cells. To answer, use the **Animal Cell Activity**. From the home page, click on **Biology** and open the activity titled **Animal Cell**.

Navigate through the activity by hitting the arrow buttons to find the answers. Be sure to look at the articles next to the activity window too.

1 What are the tree organelles that make up the cytoskeleton? What does the cytoskeleton do?
Answer:

2 What does the nucleus control? What does the nucleus store?
Answer:

3 The endoplasmic reticulum, or ER, is the cell's transportation network and is a series of inter connected membranes connected to the nuclear membrane. What are the two types of ER?
Answer:

4 What is the main function of the mitochondria? Why do they replicate their DNA and divide?
Answer:

5 For this last question, you will need to use the final three interactive slides in the Activity. Complete Quiz 1-3 of the **Animal Cell Activity** and share your answers.
Answer:

1

Answer:

Microtubules, Actin Filaments, and Intermediate Filaments make up the cytoskeleton.

The cytoskeleton holds cells in their shapes.

2

Answer:

The nucleus controls the activities of a cell, and it stores DNA.

3

Answer:

The two types of ER are Rough ER and Smooth ER.

4

Answer:

Mitochondria produce energy for the cell.

They divide when the cell needs more energy.

5

Answer:

Nucleus.

The rough endoplasmic reticulum is the purple ER surrounding the nucleus.

Mitochondria.