


GALE SCAVENGER HUNT: PLANT CELL

Gale Interactive: Science

Directions: Plant cells are the smallest functional parts of plants. The building blocks of plants, they give a plant its structure and help it function. Access *Gale Interactive: Science* to answer the following questions about plant cells.

From the home page of *Gale Interactive: Science*, search **PLANT CELL** and select the **Plant Cell** activity from the results. In the activity, use the **Full Screen icon**  in the lower right corner to expand the model. **Left click and drag to pull apart the model; right click to rotate. Use the right and left arrows to walk through the activity, read the accompanying text, and answer the questions below.** Tip: *Gale Interactive* 3D models are best navigated with a mouse.

1

Plant cells have some features that are **different from those of animal cells**; name three of those features below and interact with those features in the model on the first slide.

Answer:

1.

2.

3.

2

Read through and interact with the slides until you reach the **4th slide on chloroplasts**. Zoom in on the **chloroplast granum** and describe what it looks like below. *Bonus: Draw a chloroplast granum.*

Answer:

Bonus: Draw a chloroplast granum

3

Continue working through the slides until you reach the **quiz** (9th slide). Provide the correct answer for the first quiz question below.

Answer:

“

Use the Cite tool from the accompanying article to create a citation for the Plant Cell activity and include it here.

Citation:

GALE SCAVENGER HUNT: PLANT CELL

Gale Interactive: Science

Answer Key

1

Plant cells have some features that are **different from those of animal cells**; name three of those features below and interact with those features in the model on the first slide.

Answer:

1. Cell wall

2. Chloroplasts

3. Vacuole

2

Read through and interact with the slides until you reach the **4th slide on chloroplasts**. Zoom in on the **chloroplast granum** and describe what it looks like below. *Bonus: Draw a chloroplast granum.*

Answer: Stacks of tiny, flattened sacs; answers may vary by student.

3

Continue working through the slides until you reach the **quiz** (9th slide). Provide the correct answer for the first quiz question below.

Answer:

1. Chloroplast

“

Use the Cite tool from the accompanying article to create a citation for the Plant Cell activity and include it here.

Citation:

Student response may vary depending on which slide was active when using the Cite tool; citation may be for *Cells, Vacuole, Chloroplasts, Nucleus, Endoplasmic Reticulum, Mitochondrion*. Link and date accessed will vary. MLA citation example below:

"Cells." *Animal Sciences*, edited by Allan B. Cobb, Macmillan Reference USA, 2009. *Interactive Science*, link.gale.com/apps/doc/201/ISSCI?u=gale&sid=bookmark-ISSCI&xid=155c7319. Accessed 24 Jan. 2024.