

Teacher's Guide

Cell Structure and Function Scavenger Hunt

Students will:

- “use models to explain how the relevant structures within cells function to support the life of plant, animal, and bacterial cells”.
- use clues to determine which model best represents the cell function.
- and more!

1. The teacher will place 12 model cards around the room representing different cell structures.
2. Students will use their clues (on the student sheet) to find which function matches which cell structure.
3. They will then identify whether it is found in animal, plant, and/or bacterial cells.
4. Then, they will write what else they know about the structure.
5. Finally, they will make a sketch of the structure.

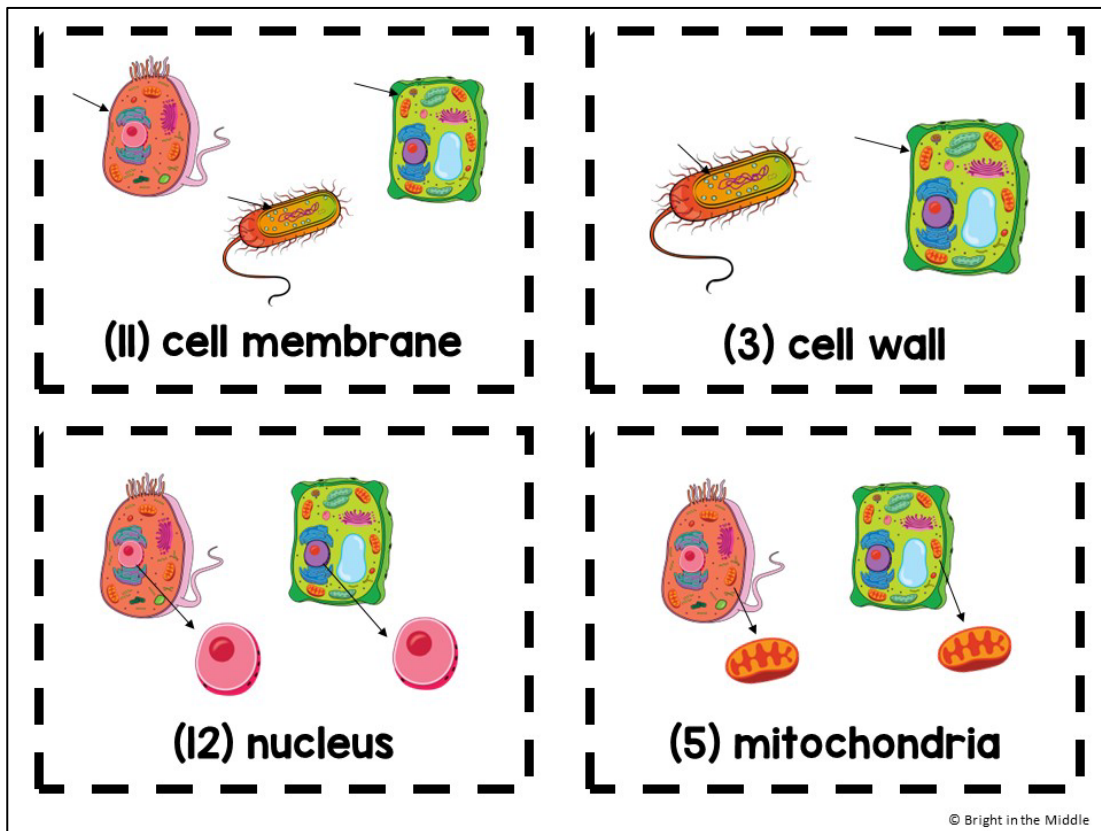
Looking for an extension? After students complete the scavenger hunt, there is an additional worksheet with 3 questions that allows students to explain how the cell structures work together to support the life of the cell.

The following lessons pair well with this activity:

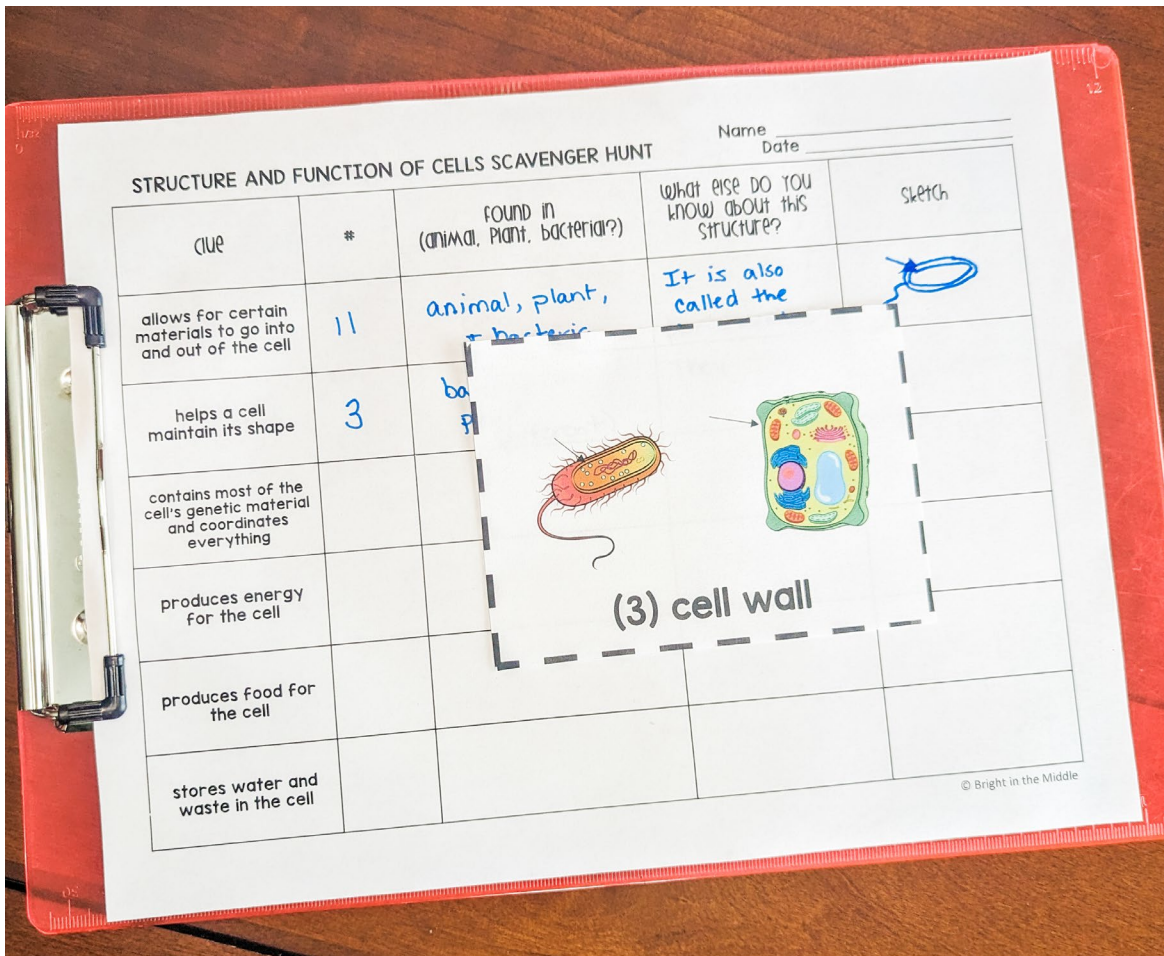
[Plant and Animal Cells Lesson](#)

[Bacterial Cell Lesson](#)

TWELVE Cell Structure Model Cards Included



Place these around the room so that students can search for them during the scavenger hunt using their **clues**.



An answer key is included!

Students will use the clues to find the **matching** cell structure and complete their student sheet.

**Looking for an extension?
After students complete
the scavenger hunt, there
is an additional worksheet
with 3 questions that
allows students to explain
how the cell structures
work together to support
the life of the cell.**

STRUCTURE AND FUNCTION OF CELLS SCAVENGER HUNT	Name _____ Date _____
Directions: After the scavenger hunt, answer the following questions.	
How do the different cell structures work together to keep the cell alive?	
How do plant cells, animal cells, and bacterial cells differ?	
If a cell structure were damaged, how might this affect the cell's overall function?	
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An answer key is included!