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Student activity: cell structure scavenger hunt
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Student Science & Tech: an exciting science and technology resource for students and teachers

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Student Activity

Cell Structure Scavenger Hunt

Explore the interactive microscope to find the answers to the following questions.

www.nrc-cnrc.gc.ca/student-science-tech

- A. This material within the nucleus contains hereditary or genetic information called genes: _____
- B. These are a stack of flattened membrane-bound sacs involved in the storage, modification, and secretion of proteins and lipids: _____
- C. This organelle is the site of aerobic respiration and ATP production: _____
- D. These organelles are the sites of protein synthesis: _____
- E. These extend from the envelope of some viruses and help the virus attach to a living organism: _____
- F. This membrane-bound, fluid-filled space in plant and animal cells stores food, water, and waste material: _____
- G. This cellulose layer surrounds the plasma membrane of plant cells: _____
- H. This is a complex system of membrane-bound channels extending throughout the cytoplasm of cells: _____
- I. This layer encloses the genetic material of a virus: _____
- J. This is a whip-like tail that helps some bacteria to move: _____
- K. This membrane surrounds the cytoplasm: _____
- L. This layer surrounds the protein coat of some viruses: _____



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