

● Characteristics of Plants

Part A

Use the clues to fill in the boxes and to complete the word puzzle. Then answer the riddle below.

What goes around a room and around plant cells? _____

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|----|-------|----------------------|-------|
| 1. | | <input type="text"/> | _____ |
| 2. | _____ | <input type="text"/> | _____ |
| 3. | _____ | <input type="text"/> | _____ |
| 4. | _____ | <input type="text"/> | _____ |
| 5. | _____ | <input type="text"/> | _____ |

Clues

- needed by all plants to carry nutrients to cells and wastes away from cells
- red, yellow, or orange pigments found within chloroplasts
- a many-celled organism that can make its own food and that usually contains chlorophyll
- waxy, protective layer coating some stems and leaves
- Bryophytes are often referred to as _____ plants.

Part B

Answer the following questions using information from the textbook.

- What is the organic compound that makes cell walls rigid? _____
- The oldest plant fossils are from the Devonian period. How old are those fossils?

- What is the name of the plant division that includes the mosses and liverworts?

- What is the pigment found in most plant cells? _____
- What type of plant has tubes that transport materials from place to place within the plant?
