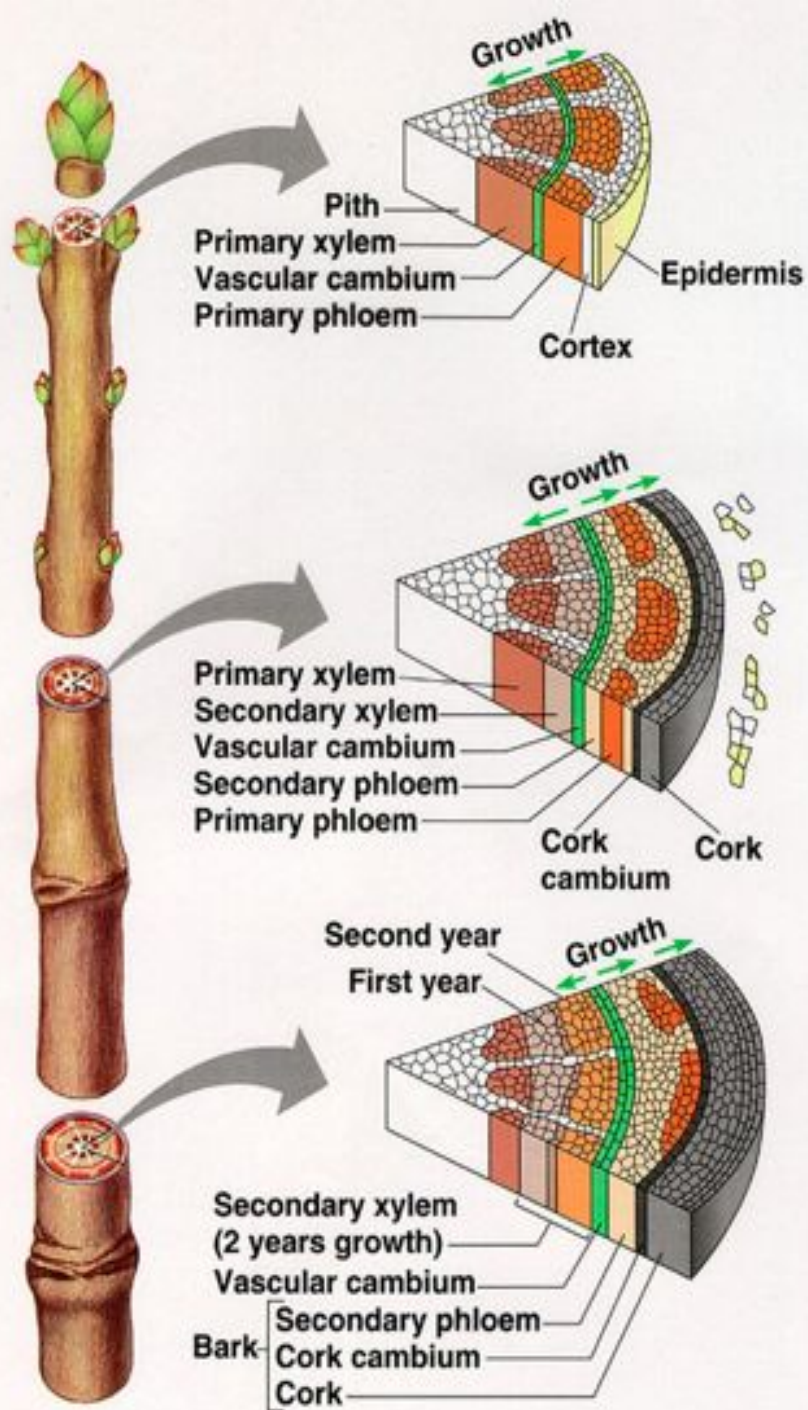


# Internal structure of stem

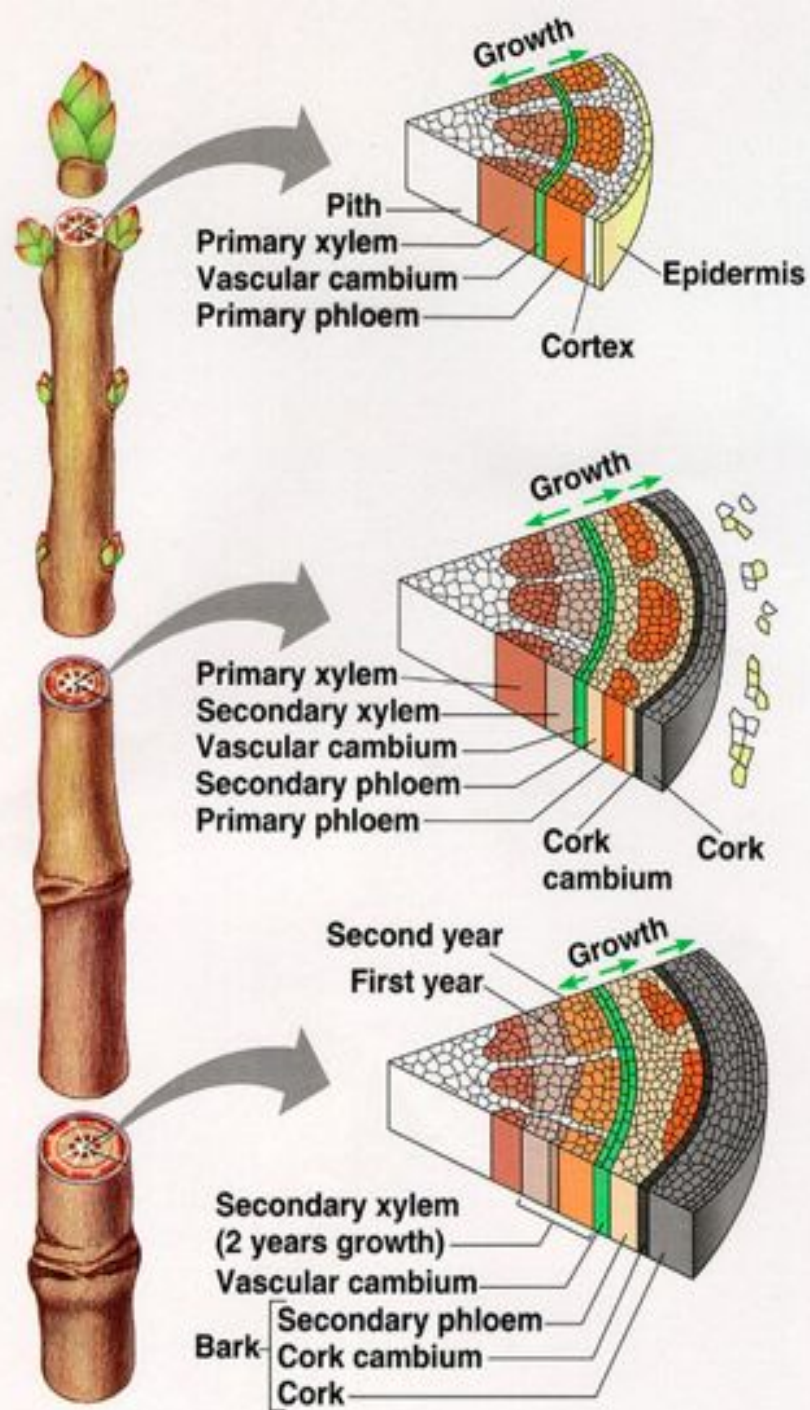


**Pith** is the center of stem  
**Xylem** is tube like tissue that transports water & minerals from soil. At the center of the stem, xylem is dead(wood), at the outer of stem wood is alive.

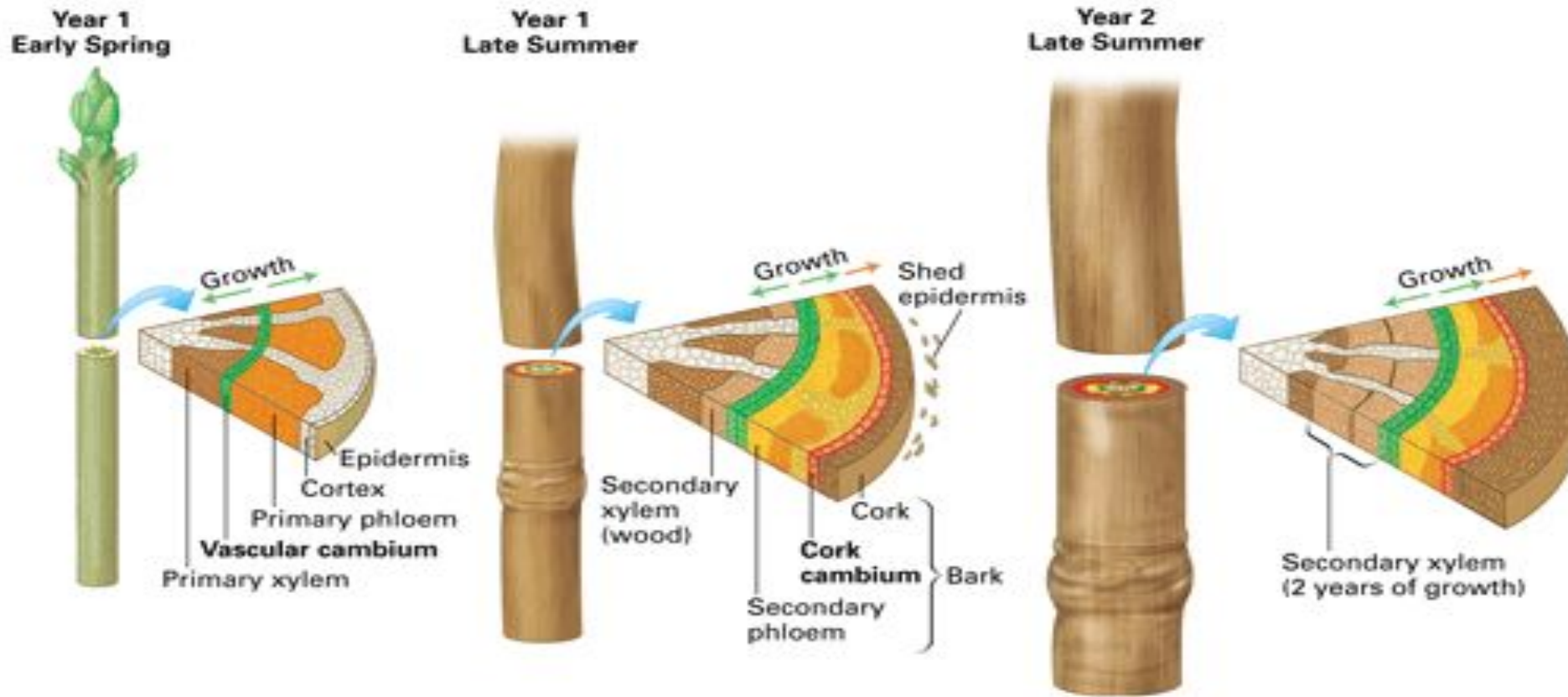
**Phloem** found under the bark, transports food (sugar) from leaves to other parts of plant.

**Cambium** is a layer of cell that produces new cells.

**Bark** protects the stem.



- **Pith** is the center of stem
- **Xylem** is tube like tissue that transports water & minerals from soil.
- At the center of the stem, xylem is dead(wood), at the outer of stem wood is alive.
- **Phloem** found under the bark, transports food (sugar) from leaves to other parts of plant.
- **Cambium** is a layer of cell that produces new cells.
- **Bark** protects the stem.



Cambium is a layer of cell that produces new cells. There are 2 types of cambium: vascular and cork.