

# Plant Structure & Photosynthesis

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SNC2D—2016/10/19

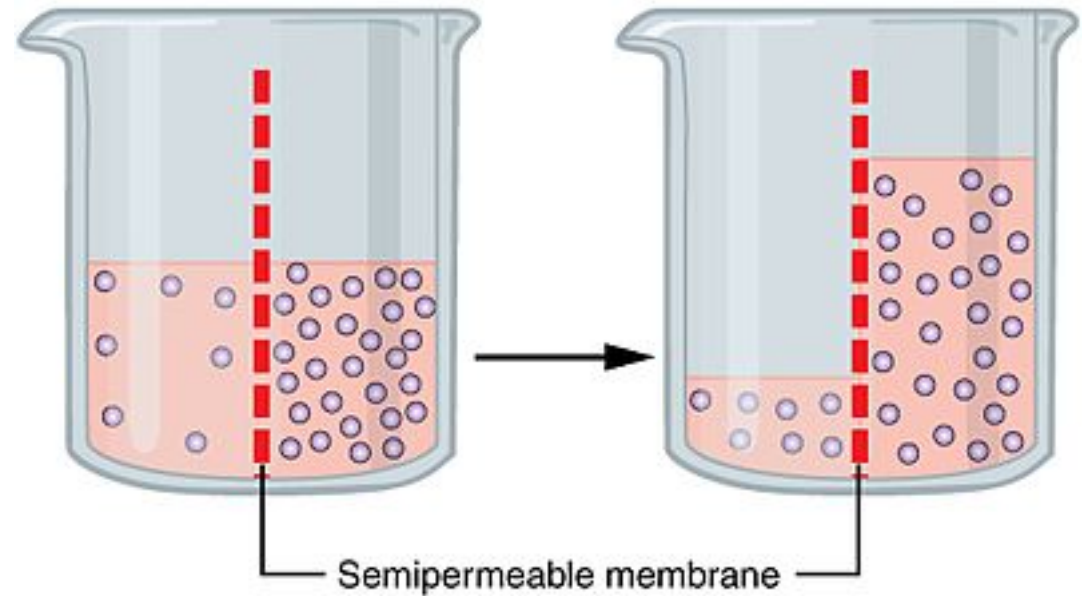
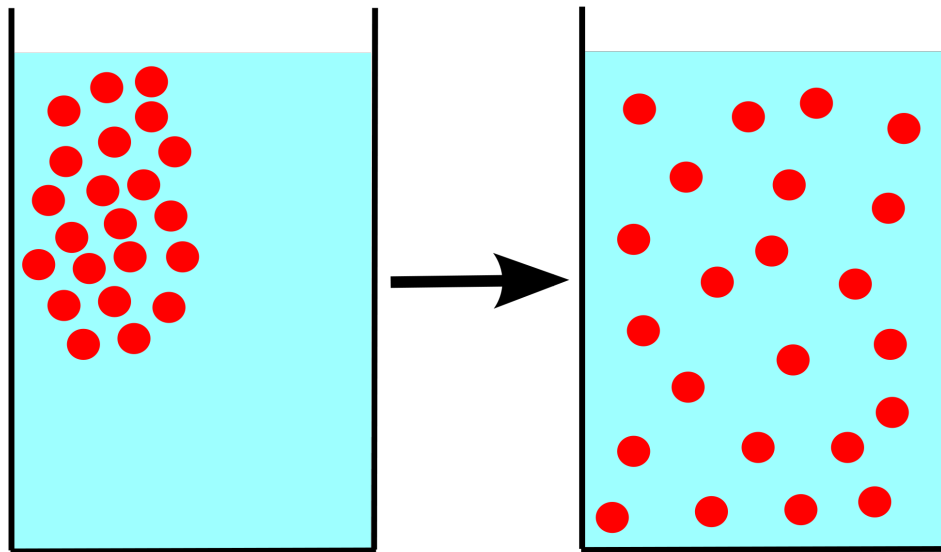




Source: <https://www.youtube.com>

# Diffusion & Osmosis handouts

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Test next week on mitosis  
& diffusion/osmosis

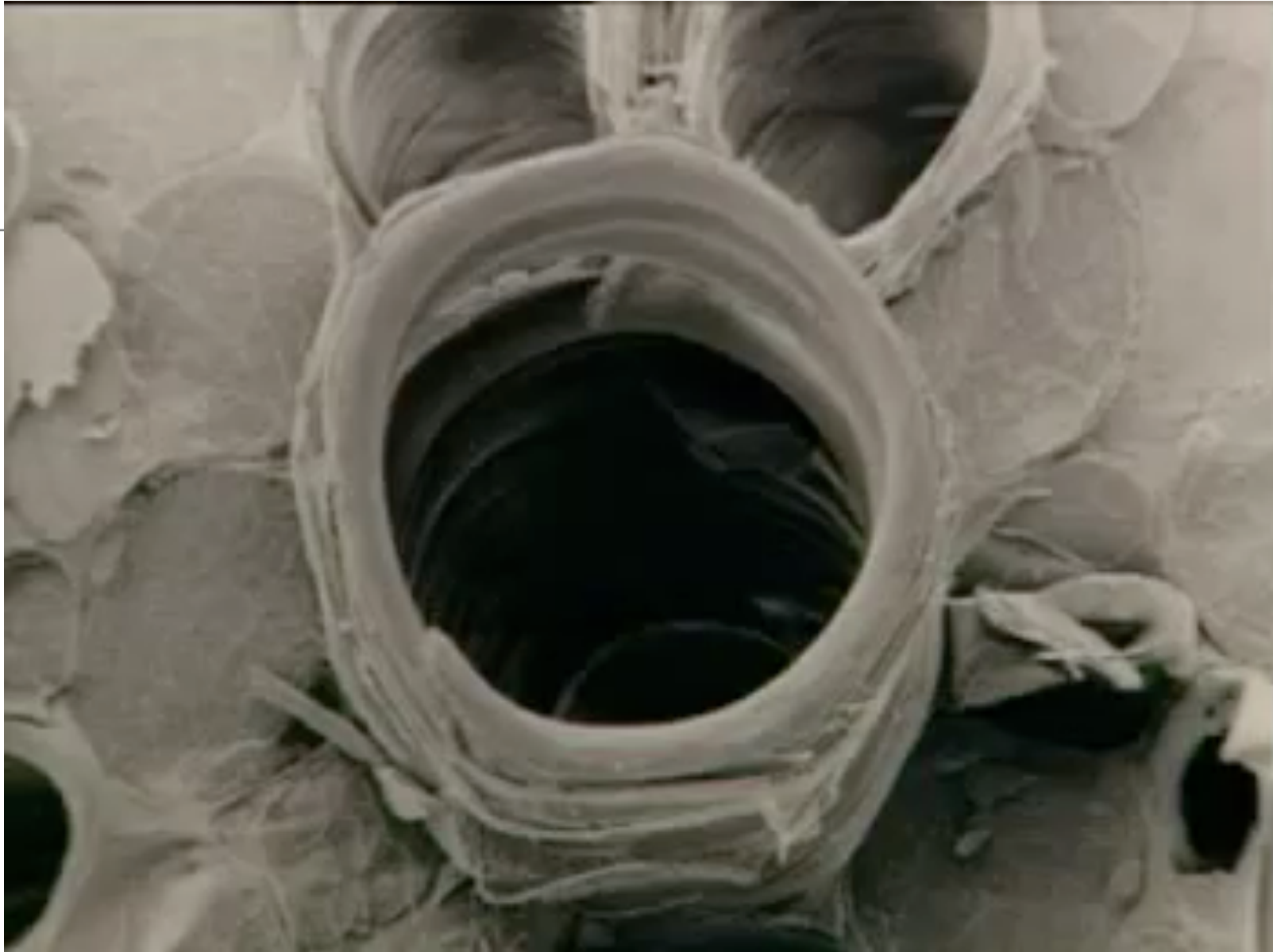
# Activity: Features of a plant

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Work in small groups;

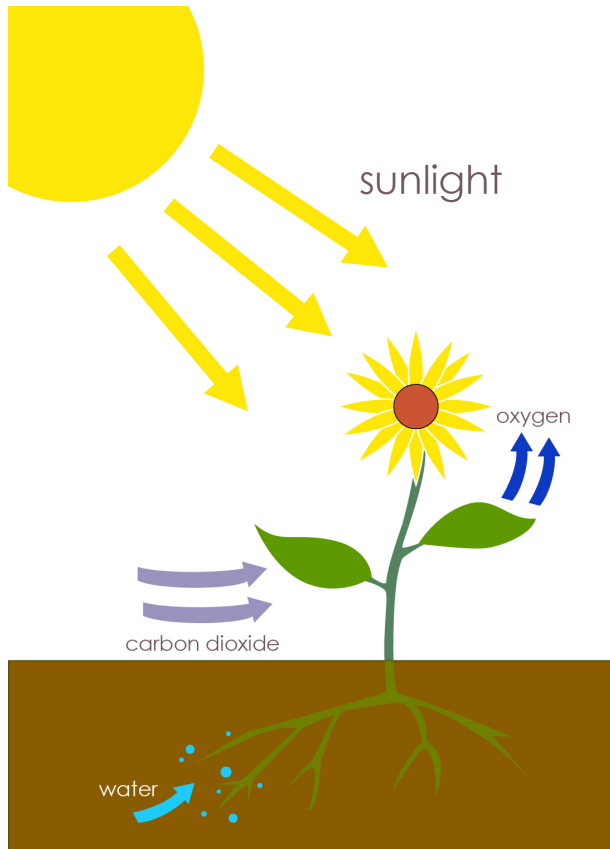
List as many features of plants as you can;

E.g. They (usually) have leaves.



Source:  
<https://www.youtube.com>

# Photosynthesis



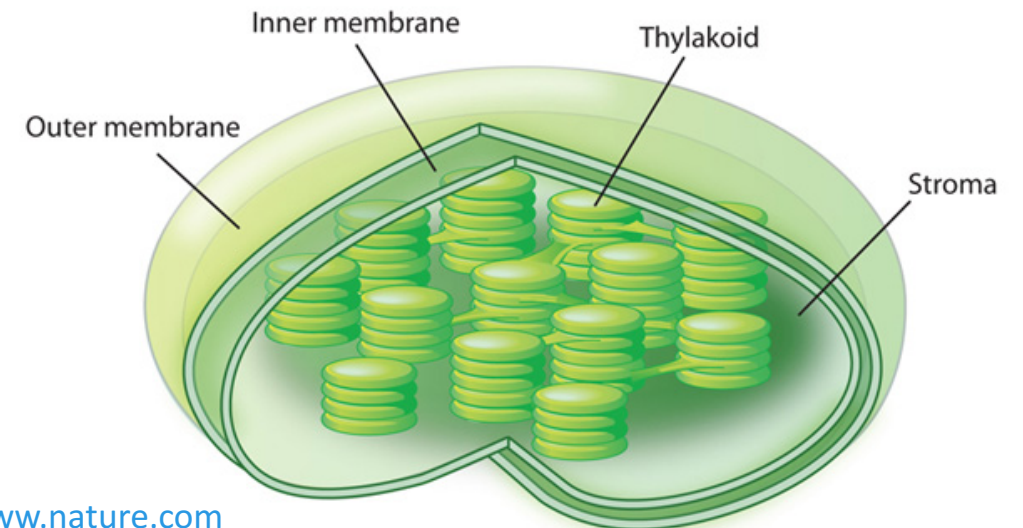
Source: <https://upload.wikimedia.org>

Plants conduct photosynthesis to get energy;

They combine **water**, **carbon dioxide** and **sunlight** to produce oxygen and sugar (food);

This happens thanks to **chloroplasts** in plant cells, which contain the green pigment chlorophyll:

- Chlorophyll is what absorbs sunlight.



Source: <http://www.nature.com>

# Activity: Reverse inquiry

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Textbook questions:

- p. 64 #6 & 8
- p. 69 #1, 3-6, 8

Read the questions FIRST, then try to find answers in the previous pages.