

Lesson 5 - Plant cells

(Downloadable student document)

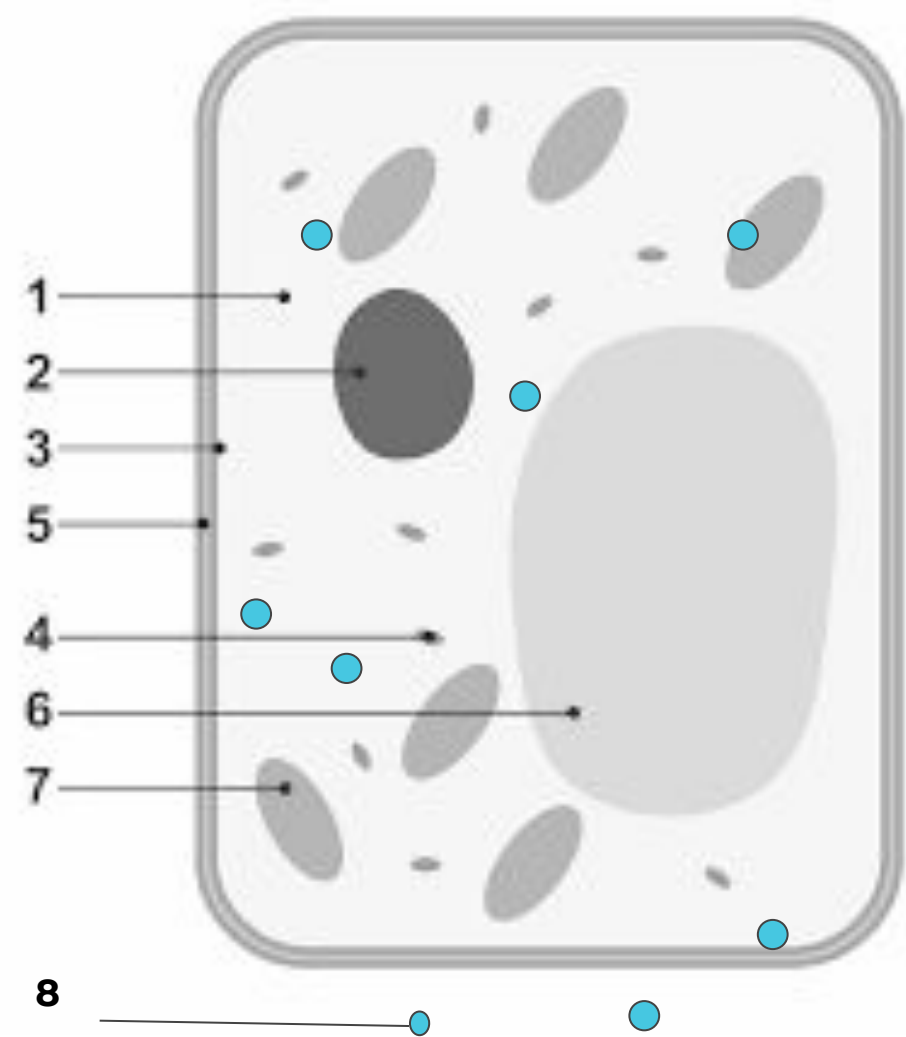
Science - Key Stage 3

Cells, Tissues and Organs

Miss Wickham



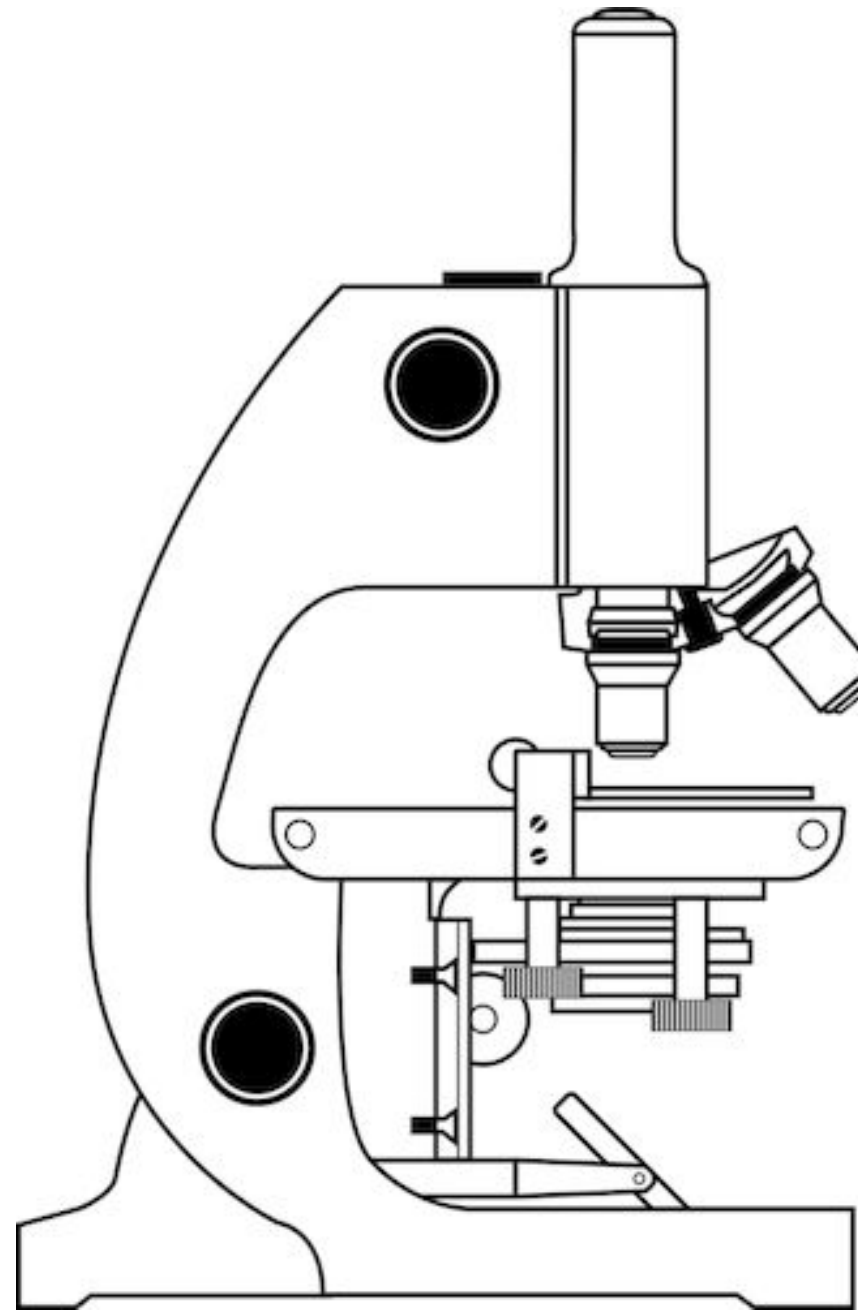
Label a plant cell with the organelles and their functions





Recap on microscopes

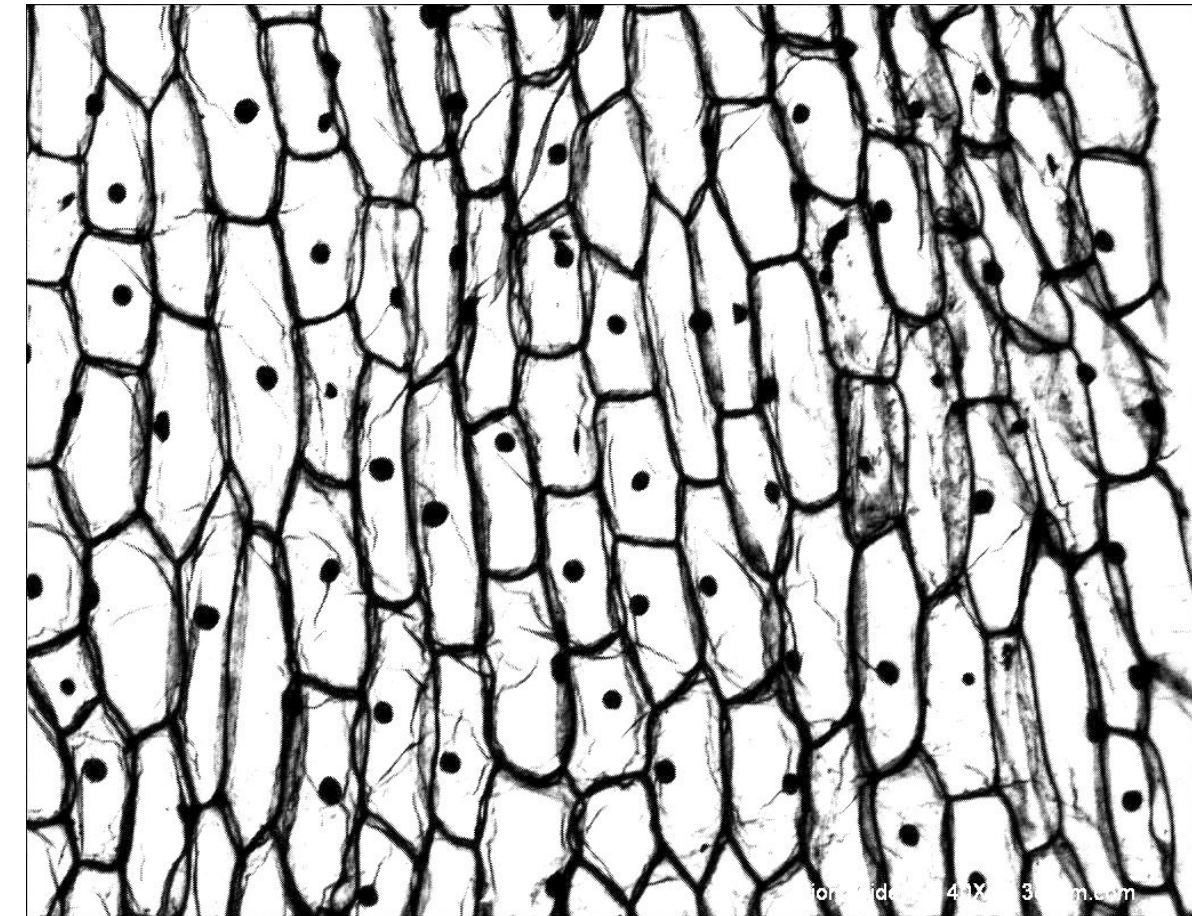
Label the parts of the microscope using these key words: **eyepiece lens, mirror, objective lens, coarse focus, stage, fine focus**



Looking at plant cells under a microscope

Answer the following questions:

1. Which organelles can you see?
2. Why might you not be able to see the other structures?
3. How are the cells arranged?



Identify the errors in the following method for producing an onion slide

- 1. Cut the onion, taking off some of the onion flesh**
- 2. Place onto the cover slip, making sure there is clear wrinkles**
- 3. Add lots of drops of iodine to the onion**
- 4. Place the glass slide over the cover slip quickly**

