

## GCS Grade 7 Science Unit C Study Guide Cellular Structure and Function

1. What invention helped scientists to discover cells?
2. List three scientists who contributed to the development of cell theory.
3. When looking under the microscope, you should start with the \_\_\_\_\_ power objective.
4. How should you carry a microscope?
5. What is cell theory? (Three parts)
6. How do you determine the total magnification on a microscope?
7. What are organelles?
8. Which cell organelle is responsible for providing energy for the cell.
9. List two differences between plant and animal cells.
10. Which organelle controls all cell activities and contains the genetic material?

Label the parts of the microscope.

