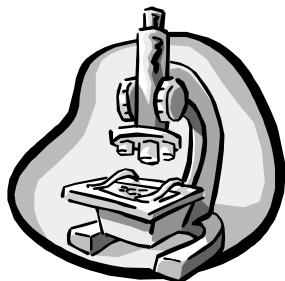


Science 10-Biology

Activity 1

Worksheet on the History and Development of the
Microscope



Name _____
Date _____
Due Date _____
Show Me <input type="checkbox"/> Hand In <input type="checkbox"/>

This worksheet is based on the material on pages 308-314 of the Science Probe 10 Text.

1. What is the name of the organism which causes malaria? _____

When was it discovered? _____ How was it discovered? _____
2. What happens to light when it passes through a barrier between two substances (eg. air and water)? _____
3. Draw the diagram on page 310 showing how the curved lens of a magnifying glass bends light rays and makes an object look bigger than it is.
4. Why does a drop of water act as a magnifying glass? _____

5. Records suggest that the first microscope was built in 1590 by two Dutch spectacle makers _____ and _____.
6. Why did some scholars refuse to look through microscopes and telescopes in the early days? _____



7. What almost happened to George Stiernhielm?

8. The Dutch microscopist _____ discovered many things using a simple microscope including micro-organisms.

9. Who first came up with the name “cell” using a slice of cork? _____
How did he arrive at that name?

10. What is the main difference between a **simple** microscope and a **compound** microscope?