

Microscopes Online

Name _____

Site #1: [EDPuzzle: Microscope: The Tube That Changed the World](https://edpuzzle.com/media/5bbe40ddbeb8ab404dcf293a)

URL: <https://edpuzzle.com/media/5bbe40ddbeb8ab404dcf293a>

1. Who is credited with the invention of the microscope? _____
2. Who coined the term "cells" after he observed cork under a microscope? _____
3. What was used as his lens? _____
4. Who first observed "animalcules" and human cells under a microscope? _____
5. How many times can an electron microscope magnify objects? _____

Site #2: [A-Z Microscope History](http://www.az-microscope.on.ca/history.html)

URL: <http://www.az-microscope.on.ca/history.html>

1. Who was the first man to make and use a microscope? _____
2. What was his microscope called? _____
3. How many microscopes did he create in his lifetime? _____
4. How can you change the power of a single-lens microscope? _____
5. How was the first compound microscope different from Leeuwenhoek's microscope? _____

6. Where are the two lenses located in a compound microscope used in most classrooms today? _____

7. What did each of the following scientists discover by using a compound microscope?
Robert Hooke - _____
Louis Pasteur - _____
Robert Koch - _____

Site #3: [Magnification Module](#)

URL: <http://micro.magnet.fsu.edu/primer/virtual/magnifying/index.html>

1. Select "Apollo Moon Rock" from the pop-up menu. View the rock at each of the different magnifications.
 2. Choose **three** other items from the list and view each at the different magnifications.
 3. Answer these questions based on your observations. At which power did you see:
(a) the greatest detail? _____ (b) most of the sample? _____ (c) very little of the sample? _____
 4. What do you notice about your view of the image as you increase the magnification? _____
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Done with your worksheet? Visit these sites related to microscopes.

[MyScope Explore](#)

[Human Tissues](#)

[Microscope Mania Game](#)

[Quizlet - Parts of a Microscope](#)

[SoftSchools - Drag & Drop Game](#)