

7th grade science project Confocal Laser Scanning Microscopy

Confocal laser scanning microscopy has been used since the 1980's. It uses a laser beam to scan a biological specimen that has been treated with substances that give off fluorescent light when exposed to the laser beam. Confocal microscopy can create a high-quality three-dimensional microscopic image by scanning a thick sample in layers.

Create a table documenting the different types of microscopes that scientists use today. Include a short description of each microscope, who invented it and when, and its uses.

Sites to check out:

Microscope Home Page

Microscopes. What is a Microscope? History of the Microscope · Types of Microscopes · The Compound Light Microscope · Activities with a Microscope ...

www.southwestschools.org/jsfaculty/Microscopes/index.html

Microscope

The intent of this page is to give you an overview of the major features and uses of different types of microscopes that are commonly employed today. ...

www.ccsf.edu/Departments/Biology/ctoeb/mscope.htm

History of the microscope

<http://www.microscope-microscope.org/basic/microscope-history.htm>