

## A Look inside the Lab: Microscopes

1. List at least one fact about each microscope type listed in the table.

Simple microscope	
Compound microscope	
Inverted microscope	
Digital microscope	
Confocal microscope	
Electron microscope	

2. List two ways you think microscopes can be of use in a laboratory.

3. Give one example of how microscopes have helped people better understand the world (other than sickle cell disease).

4. Other than the medical field, describe how you think microscopes could be important in another field of biology (e.g., botany, geology, paleontology, archeology, forensic science, etc.)

5. Answer one of these questions about Herrick and Irons:

- Why do you think Herrick chose not to give Irons credit on the scientific paper he published? Do you think his choice was justified? Why or why not?
- If you were Herrick, how would you have handled Irons' discovery?
- If you were Irons, how would you have felt when you found out about Herrick's paper? What would you have done?