

Student Activity 1: Meet Flexi-Scope

Your teacher will show you Flexi-Scope.

What is Flexi-Scope?

Flexi-Scope is a microscope.

The word *microscope* has two parts:

Micro means very small. *Scope* means to look at.

A microscope uses lenses to make small objects appear larger.

Flexi-Scope is a digital microscope.

That means you can connect it to a computer.

You can see what the microscope sees on your computer screen. Your teacher will probably be able to show the pictures on a big screen that the whole class can see.



What do people use a microscope for?

People use microscopes to magnify or make larger the things around them so they can study them.

Who uses microscopes?

Scientists and people learning about science (like you) use microscopes to take a closer look at objects they want to learn more about.

Light

Flexi-Scope has a light to let you see objects better.

The button at the right side of the base turns the light on and off.

Focus Ring

Flexi-Scope has a Focus Ring that you turn to make the image sharp and clear. Can you find the focus ring that is at the top? Try turning it back and forth.

Photos and Videos

Flexi-Scope lets you take photos and videos that you can save and look at again later. You can take a quick photo of what you are looking at by pressing the bottom on the left side of the base of Flexi-Scope. You first need to open the software that Flexi-Scope uses.

What are you learning about microscopes?

What do you want to look at up close?

What do you think it will look like?

Write down your thoughts and questions in the Flexi-Scope Journal.