

## WHAT IS SCIENCE?

### What is Science?

- Science is the study of the world around us.
- Scientists study the world around us.
- When studying things like plants, animals, and rocks, scientists use their senses:

**EYES** → to see.

**NOSE** → to smell.



The illustration shows a group of diverse children standing on a green grassy field. Above them are four thought bubbles containing various scientific and mathematical icons: a cube, a microscope, a protractor, a globe, a test tube, a pie chart, a bar graph, and mathematical symbols like a plus sign, minus sign, multiplication sign, and equals sign. The word 'PREVIEW' is written in large, bold, blue and orange letters below the children. Below the preview text, there are links for 'Sign In' and 'Sign Up'.

**PREVIEW**

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**EARS**

**HANDS** → to touch.

**MOUTH** → to taste.

### What Do Scientists Do?

- Scientists ask questions about the world around them.
- Scientists then try to find different ways to answer those questions.

## How Do Scientists Find Answers?

- They do many tests and experiments.
- They talk to other scientists.



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world

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### PREVIEW

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Scientists study many things – like the things YOU study in 2<sup>nd</sup> grade:

<i>plants</i>	ENERGY	rocks
MATTER	magnets	
ANIMALS	weather	<b>soil</b> <b>forces</b>
<b>habitats</b>	<b>solar system</b>	fossils

## Where Do Scientists Work?

- Some scientists work outside.
- Some scientists work in laboratories (also known as labs).

## What Tools Do Scientists Use?



**hands lens:** a tool used to see things **closer**

bal



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can

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at you



**eye dropper:** a tool used to add water (or other liquid) one drop at a time



**metric ruler:** a tool used to measure how **long** something is



**graduated cylinder:** a tool used to measure **liquid**



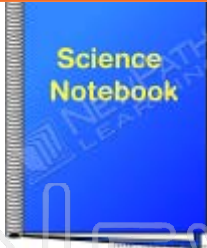
**funnel:** a tool used to pour liquid into a container with a small opening



## PREVIEW

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Science  
Notebook

*Let's check what we have learned so far:  
What is a hand lens?*