

MATH IN SCIENCE

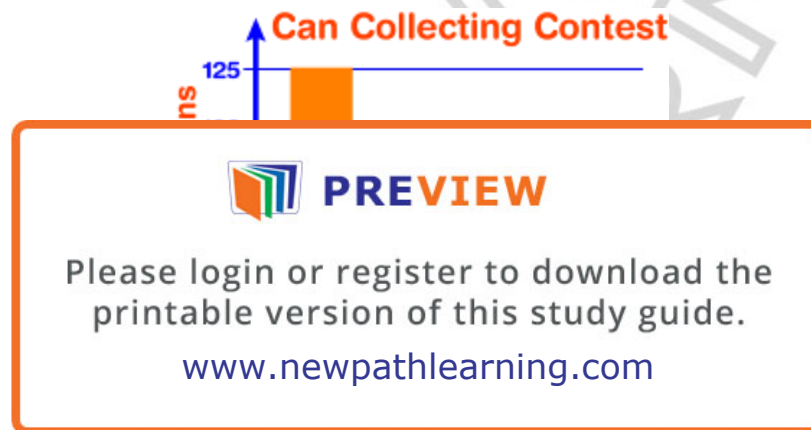
Using Math in Science

Scientists use **MATH** each and every day when they are doing **SCIENCE!**

Scientists use numbers, addition, subtraction, multiplication, and division.

Scientists use **GRAPHS** too! Scientists use bar graphs to help show their results.

A **bar graph** uses **bars and numbers** to show information.



A **column chart** has facts in **columns or sections** which makes the information easy to read.



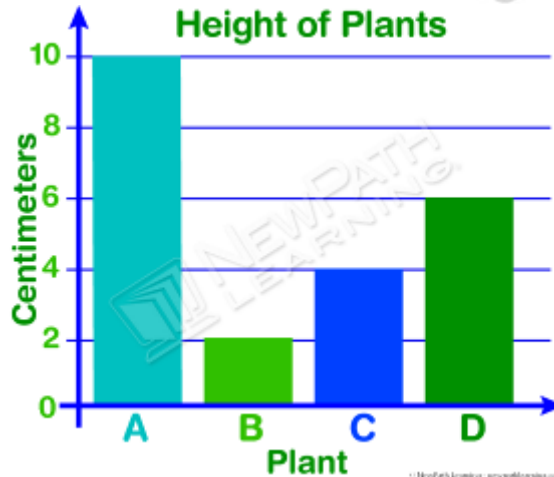
Butterflies Living in the Forest		
2005	2006	2007
65	78	100

Examples of experiencing **SCIENCE** and **MATH** at the same time in some areas of 1st grade science:

This is a bar graph.

This bar graph shows which plant grew taller.

Which plant grew taller – plant A or plant B?



The chart t

Tracking

Scientists

Scientists

each year by adding or subtracting numbers.

Look at this column graph.

This column graph shows that MORE rabbits live in Pride Park this year than last year.



PREVIEW

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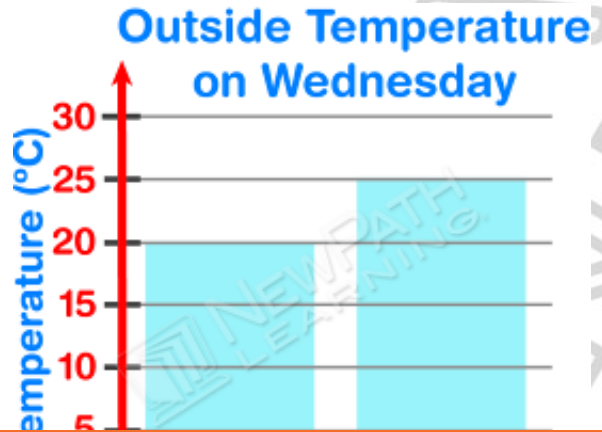
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Weather: Measuring Temperature

Scientists use thermometers and graphs to chart the temperature outside.

What was the temperature on Wednesday at 3:00 PM?







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This chart

The Seasons

Scientists use numbers and thermometers to compare temperatures during different seasons too.

Lowest Temperatures of Each Season			
			
Winter	Spring	Summer	Fall
0°C	9°C	37°C	7°C

The Sky

Scientists use numbers when talking about the Earth and space too! For example: Scientists know that one rotation of Earth equals 24 hours.

Land, Water, and Air

Scientists COUNT too in science! Counting is MATH! Scientists count the layers of soil on Earth.

Taking Care of the Earth

When you help take care of the Earth – you can count how many bottles and cans you recycle each week!

The more you recycle, the more help you are giving to make the Earth a better place!



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The background shows a calendar grid with days of the week (Monday, Friday) and numbers (5, 6) visible.

Describe and Measure Matter

Scientists use numbers and clocks during experiments. If a scientist wants to see how long it takes an ice cube to melt, he or she will use a clock to measure the amount of time that goes by while the ice cube is melting.

Light and Sound

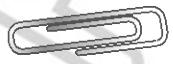


Scientists use numbers and equipment to measure light and sound too. They measure sound in decibels.


Magnets

Scientists use graphs to chart their findings too!


This chart easily shows which objects are attracted by magnets and which objects aren't.

Name one of the objects that WAS attracted by the magnet.

Item	Attracted by Magnet?
paper clip	yes 
plastic spoon	no 
iron nail	yes 



If you nam



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So whe adding, or subtracting, they use MATH each and every day!

