



Our Vision: Innovative education for a knowledge-based, pioneering and global society.

Department of Science 2019 – 2020

Year 4....

Topic: Scientific Tools

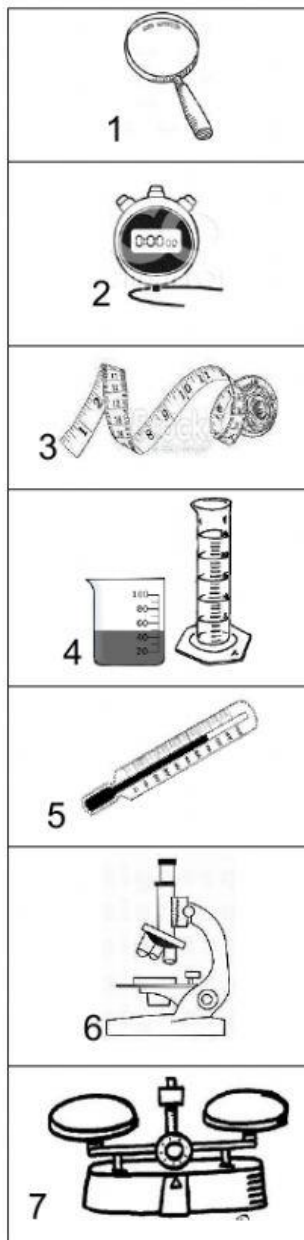
Term 1

Roll no.:

Name:

Date: / 09 / 2019

- 1** What **tools** do scientists use to observe, measure, experiment and collect data?
Identify the scientific tools and match them to their correct **names**.
Then match the names of the tools to their **uses**. Write numbers to match.



	measuring tape
	hand lens or magnifying glass
	thermometer
	stopwatch
	pan balance
	beaker and measuring cylinder
	microscope

	to measure temperature
	to measure time
	makes small objects appear larger (bigger)
	to measure the length of an object
	to measure the mass of an object
	to see microscopic objects that are too small to be seen with the naked eye
	to measure the volume of a liquid



2 Identify the scientific tools. Use the correct tool for the given task.

Write / Draw your observations. Make sure your work is neat.

Task 1 – Measure the length of your book	Task 2 – Measure the length of the table
<p>A _____ is used to measure the length of the book.</p> <p>The book is _____ long.</p>	<p>A _____ is used to measure the length of the table.</p> <p>The table is _____ long.</p>
Task 3 – Measure the volume of water	Task 4 – Measure the temperature of water
<p>A _____ is used to measure the volume of a liquid.</p> <p>Volume of water = _____</p>	<p>A _____ is used to measure temperature.</p> <p>The temperature of the water is _____</p>
Task 5 – Observe the leaf veins	Task 6 – Observe the given slide
<p>A _____ is used to make objects appear larger. Draw your observations of the leaf veins.</p>	<p>A _____ is used to observe things we cannot see with our naked eyes. Draw your observations.</p>