

LO: I can observe and classify leaves.

We are going to explore leaf specimens to classify.

We will do botanical sketches of the plants that we see.

If you are able to go outside you could collect some of your own leaves to study, take care with wild plants though, as we don't want to kill them.

If you cant go outside you can sketch and use the pictures on these slides.

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Scientists and artists have to look very carefully and draw accurately. Try sketching your own.

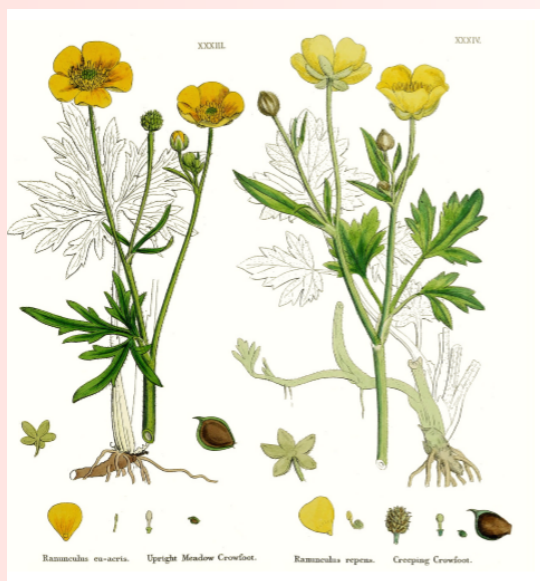


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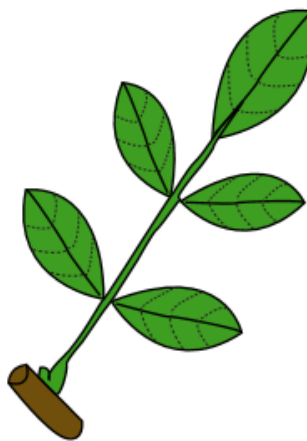
Leaf Classification Resource

Stage One

Are leaves simple or compound?



Simple Leaf




Compound Leaf

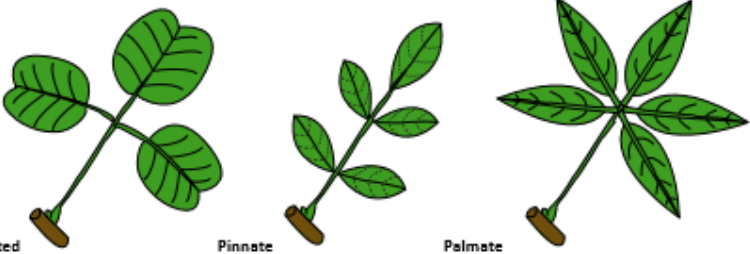
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Leaf Classification Resource

Stage Two
If the leaves are simple, are they linear? or roundish? or lobed? or needle-like? or spiny?



Or, if the leaves are compound, are they trifoliate? or pinnate? or palmate?







TrifoliatePinnatePalmate

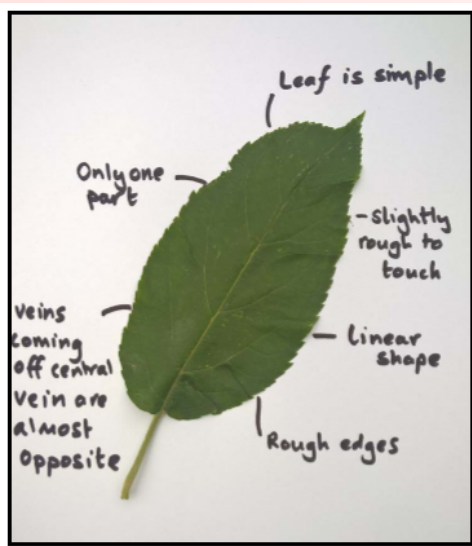
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Stage Two

How are the leaves arranged on the stem? (Do not look at leaves at the tip of the twig, but lower down.)
 Are they alternate or opposite? Simple or compound?

	ALTERNATE	OPPOSITE
SIMPLE		
COMPOUND		

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Can we create our own leaf files?

LO: I can observe and classify leaves.

LQ: Can I observe and classify trees found in the local environment?

Choose a leaf from a local tree and carefully sketch it in a box below. Using a ruler label the features you can see. Try to use scientific language.

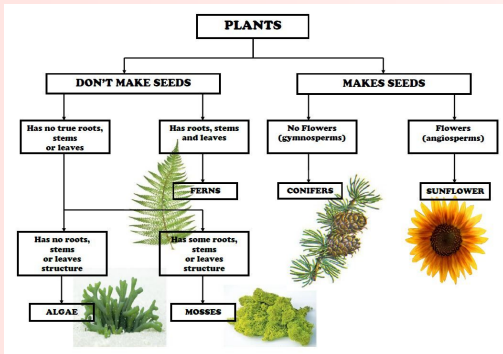
For example:



<p>Specimen 1</p>	<p>Specimen 2</p>
<p>Specimen 3</p>	<p>Specimen 4</p>

LQ: Can I observe and classify trees found in the local environment?

Now can we classify our leaves using a branching diagram?



What questions could we include?