

LO: I can use a classification key or system.

On your next daily walk see if you can find a buttercup. If not or if you are not going out, you can google buttercups and choose one of the images.




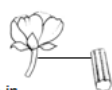
Answer the questions on the next slide.

Then look at the classification key/system to try and identify your buttercup.

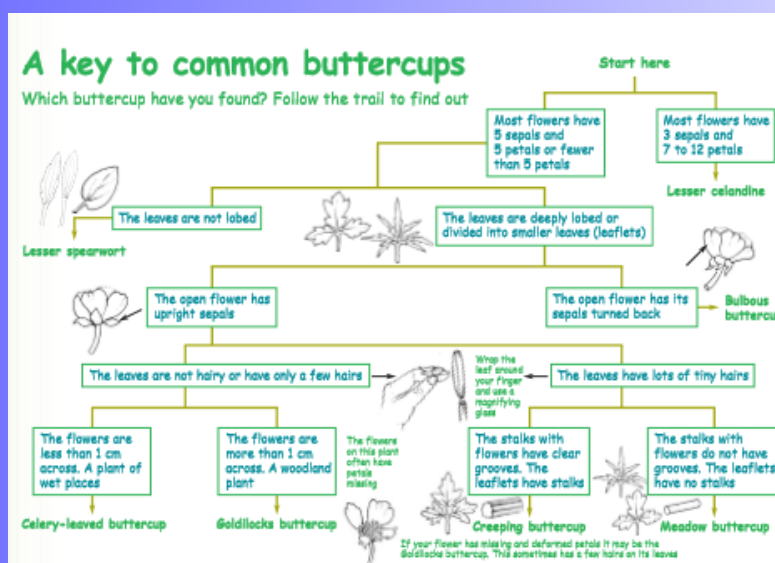
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Using a key - following the trail with buttercups (see booklet, page 26)

Buttercup fact file (see booklet, page 26)

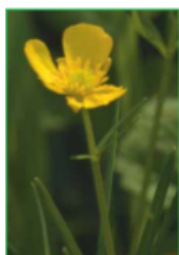
1. How many sepals are there?..... How many petals are there?.....
2. Are the leaf blades divided up into smaller leaflets or deeply lobed?  leaflet
3. Are the sepals turned back? 
4. Are the leaves covered in tiny hairs?  wipe the leaf round your finger and use a magnifying glass to see the hairs
5. Do the flower stalks have clear grooves running along their length? 
6. What sort of place was the plant growing in (e.g. a grassy field, a woodland, the edge of a pond)?.....
7. Is there anything else interesting that you have noticed about your plant?.....

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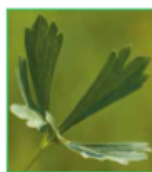
Goldilocks buttercup Usually found in woodland. Flowers in April and May.



Goldilocks flower showing missing and deformed petals.



Leaf at bottom of plant.



Leaf from flowering stem - notice it has no hairs.

Celery-leaved buttercup

Common on damp mud at the edges of ponds. Flowers from May to September.



Small flowers

Lesser celandine

Common in woodland, grassland and on stream sides. Flowers in April and May.



Most flowers of the lesser celandine have 3 sepals and 7 to 12 petals.

Heart-shaped lesser celandine leaves.



Leaf from celery-leaved buttercup showing no hairs.



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Bulbous buttercup Found in dry, grassy areas. Flowers in May and June.

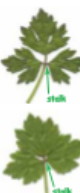


Bulbous buttercup showing its turned back sepals. Like the creeping buttercup (see below) the leaflets have stalks.

Lesser spearwort Common in wet places e.g. edges of ponds. Flowers from June to August.



Creeping buttercup Found in damp, grassy places and woodland. Also a common garden weed. Flowers from May to August.



Flower showing upright sepals and a grooved stalk. The leaflets have stalks.

Meadow buttercup Common in grassy places. Flowers in June and July.



Flower showing upright sepals and a smooth stalk. The leaflets have no stalks.