

Grassland Plant Survey Form

27

26

25

Part 1

24

1

What class are you in?

23

22

2

What year group are you in?

21

20cm

19

3

Where in your school are you doing the survey?
e.g. playing field near year 10 classroom

18

17

16

4

Date

Time

15

14

If you have a camera, **take a photo** of the quadrat from above.



13

Now put your ruler next to **the tallest plant in your quadrat**. If you have a camera, **take a photo** from the side with the ruler against the tallest plant.

12

11

5

How high is the tallest plant in the quadrat? (Circle your answer)

- a) Less than 10cm b) 11-30cm c) 31-100cm d) More than 100cm

9

8

Look carefully at the **plants growing in your quadrat**. Pick **one leaf from each kind of plant**, including any grasses.

7

Tips:

6

- **dead leaves do not count**
- gently move leaves to check for plants hiding underneath
- don't pick the flowers - leave them for people and insects!

5

4

3

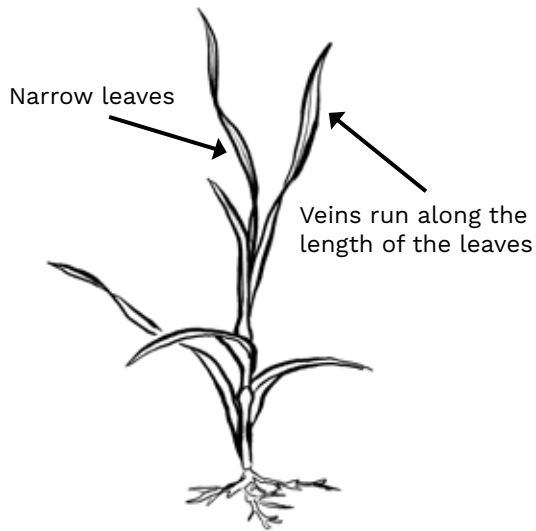
2

Now **lay the leaves on a piece of paper**, with the top side of each leaf facing up.

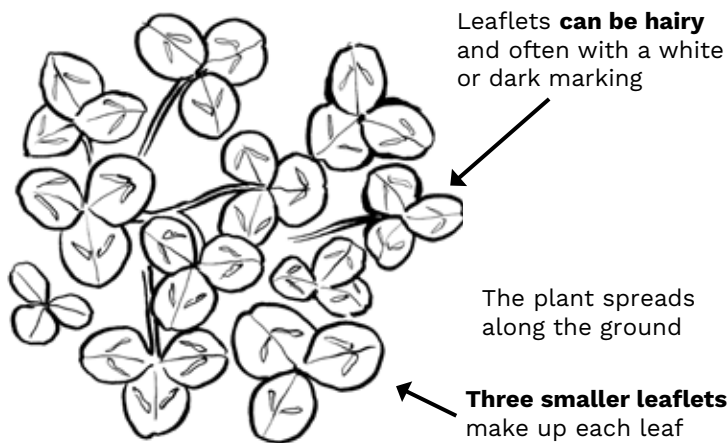


1cm

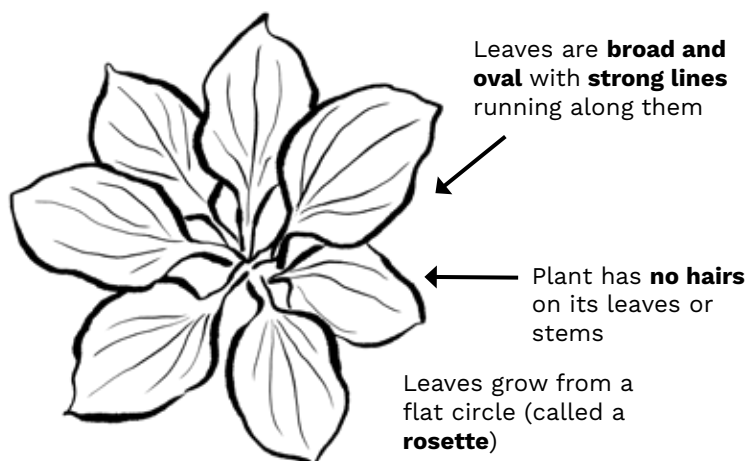
Grasses (*Poaceae* family)



Clovers and their relatives (*Fabaceae* family)

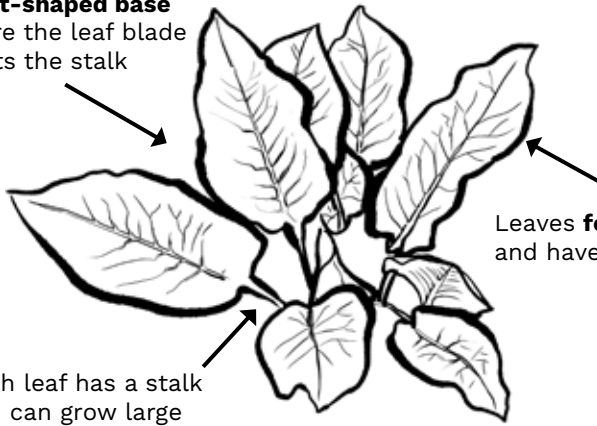


Greater plantain (*Plantago major*)



Dock (*Rumex species*)

Heart-shaped base
where the leaf blade
meets the stalk



Leaves **feel tough**
and have **no hairs**



Each leaf has a stalk
and can grow large

Common daisy (*Bellis perennis*)



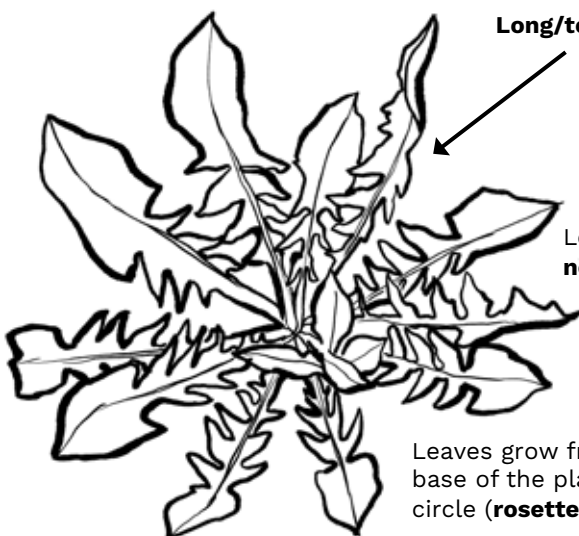
Leaves are **spoon**
shaped

Often **flat** and **close**
to the ground

Grow from the
base in a circle
(**rosette**)



Dandelion (*Taraxacum species group*)



Long/toothed edges

Leaves have
no hairs or spines

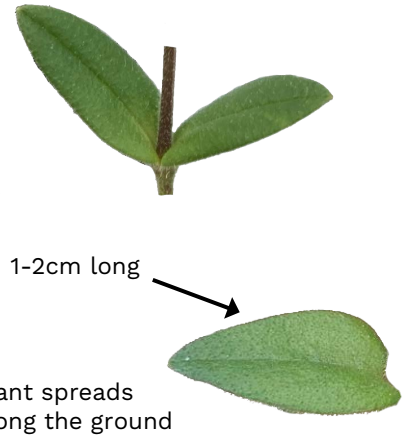
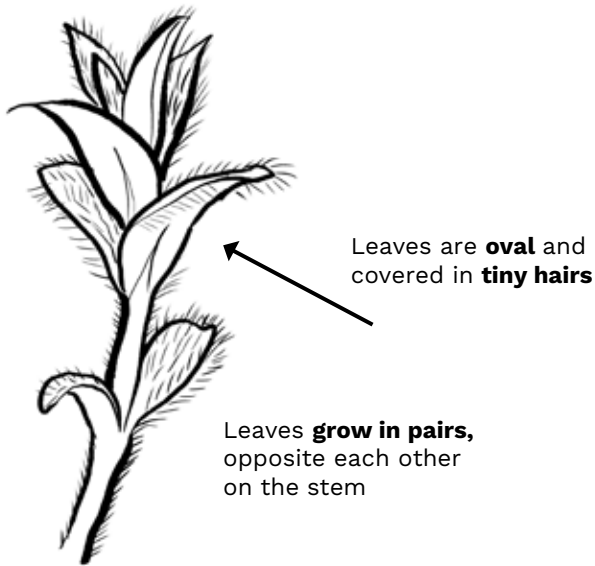
Leaves grow from the
base of the plant in a
circle (**rosette**)



Stem is hollow,
doesn't branch and
has white sap inside

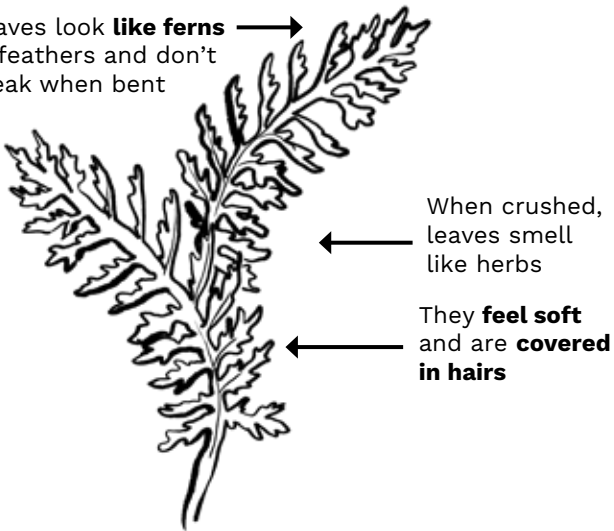


Common mouse-ear (*Cerastium fontanum*)



Yarrow (*Achillea millefolium*)

Leaves look **like ferns** or feathers and don't break when bent



Yellow rattle (*Rhinanthus minor*)

