

Grassland Plant Survey Form



National
Education
Nature Park

27

26

25

24

23

22

21

20cm

19

18

17

16

15

14

13

12

11

10cm

9

8

7

6

5

4

3

2

1cm

Part 1

1 What class are you in?

2 What year group are you in?

3 Where in your school are you doing the survey?
e.g. playing field near the lunch hall

4 Date

Time

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



← 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.

Include your survey form in your photos to help you remember them later.

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

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



Tips:

- **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!

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

6

How many different types of plants are on your paper?



If you have a camera, please **take a photo** of your paper with the leaves on it.



7 Tick the name of the habitat type which best matches your survey area.

a) Playing field or lawn



b) Meadow



c) Tall wild plants (mostly wild plants or weeds (not grass) that are above hip height)



d) Wildflower patch (mostly wild flowers (not grass), planted by someone)



Part 2

Indicator plants

Look for each of the following plants in your quadrat.

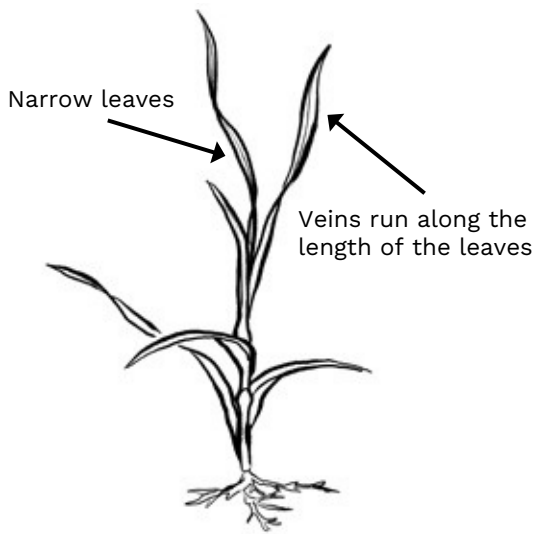
Imagine your quadrat is the grid next to the plant photos. **Tick the squares where you see the plant growing.** Write the number of squares in the box provided.

Use the X below the grid to help position yourself.

Use the facts and photos of each plant to help you find them in your quadrat.



Grasses



Is grass growing in your quadrat?

Yes No

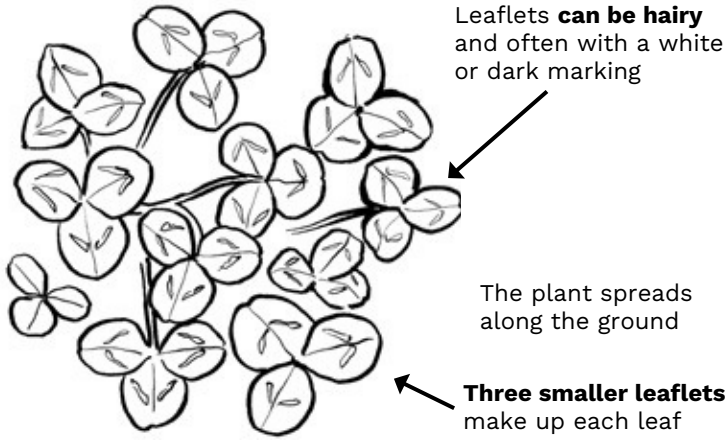
Tick the squares this is growing in

X

How many squares is it growing in?



Clovers and their relatives



Are clovers or their relatives growing in your quadrat?

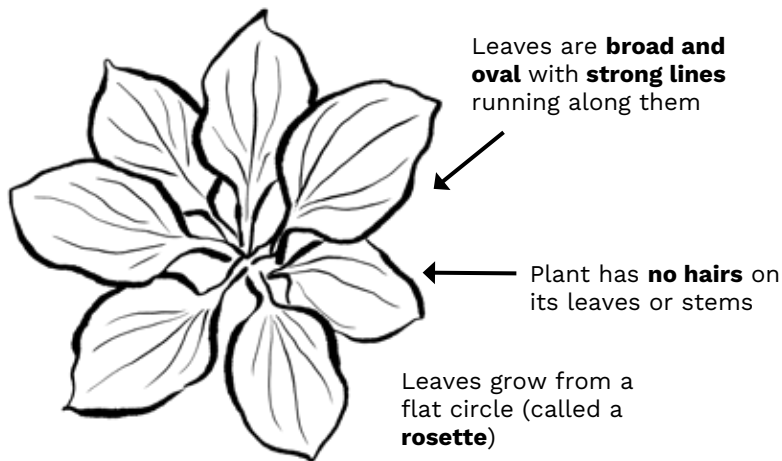
Yes No

Tick the squares this is growing in

X

How many squares is it growing in?

Greater plantain



Leaf size: Up to 15cm

Is greater plantain growing in your quadrat?

Yes No

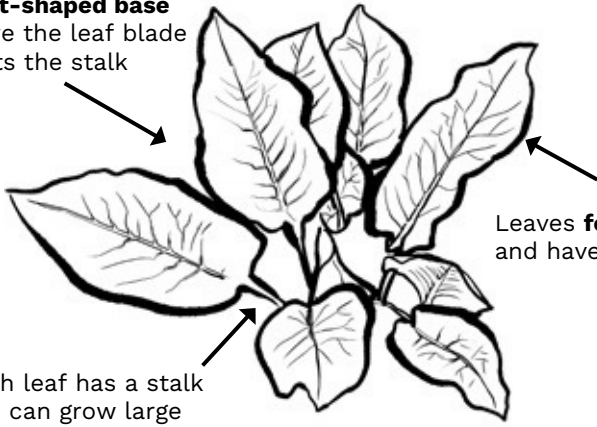
Tick the squares this is growing in

X

How many squares is it growing in?

Dock

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



Leaf size: Up to 25cm



Is dock growing in your quadrat?

Yes No

Tick the squares this is growing in

X

How many squares is it growing in?

Common daisy



Leaves are **spoon shaped**

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

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



Leaf size: Up to 4cm



Is common daisy growing in your quadrat?

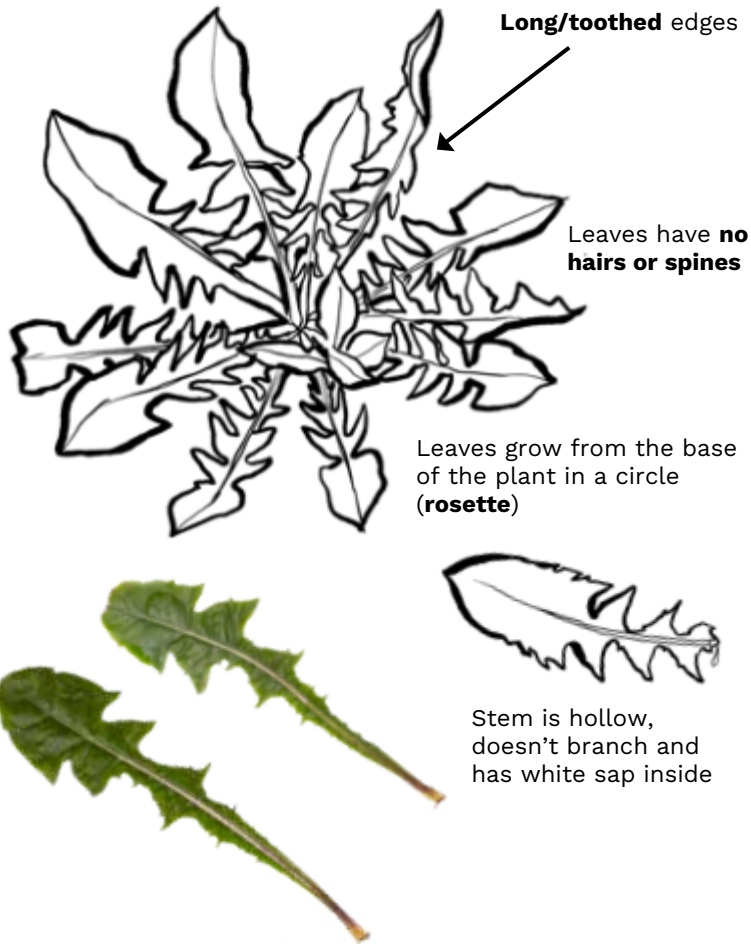
Yes No

Tick the squares this is growing in

X

How many squares is it growing in?

Dandelion



Is dandelion growing in your quadrat?

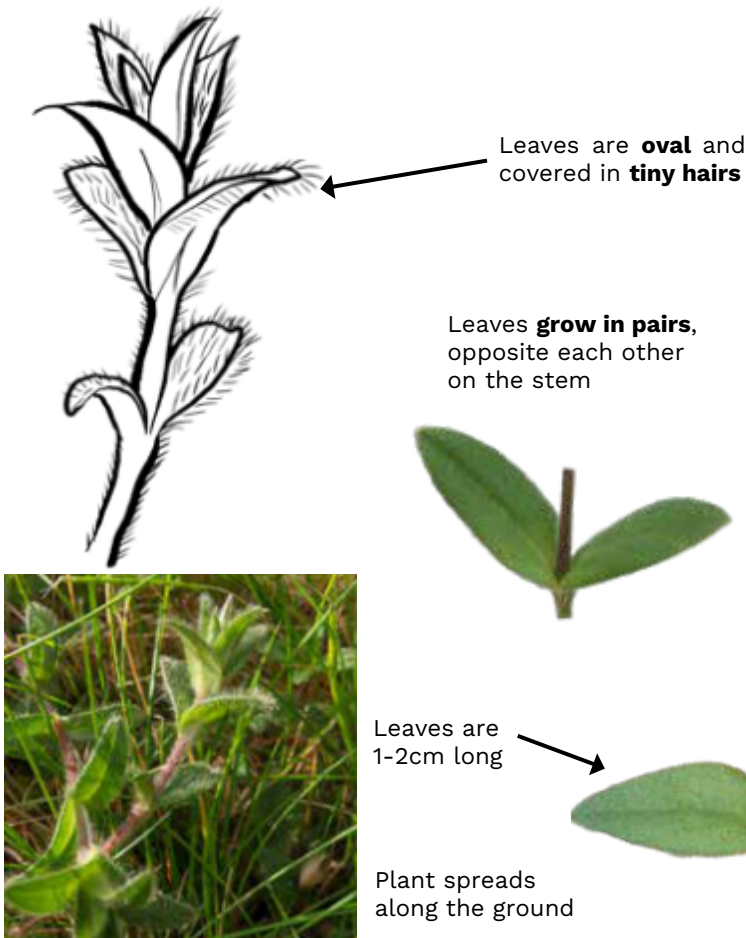
Yes No

Tick the squares this is growing in

X

How many squares is it growing in?

Common mouse-ear



Is common mouse-ear growing in your quadrat?

Yes No

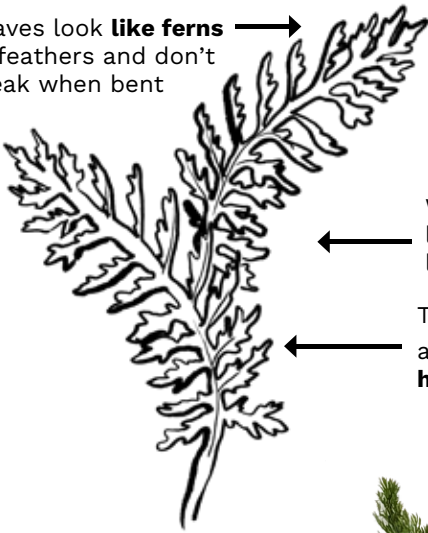
Tick the squares this is growing in

X

How many squares is it growing in?

Yarrow

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



When crushed, leaves smell like herbs

They feel **soft** and are **covered in hairs**



Is yarrow growing in your quadrat?

Yes No

Tick the squares this is growing in

X

How many squares is it growing in?

Yellow rattle

The plant grows upright

Leaves have **bumpy edges** and **no hairs**

Leaves grow in pairs opposite each other

Small and narrow leaves



Is yellow-rattle growing in your quadrat?

Yes No

Tick the squares this is growing in

X

How many squares is it growing in?