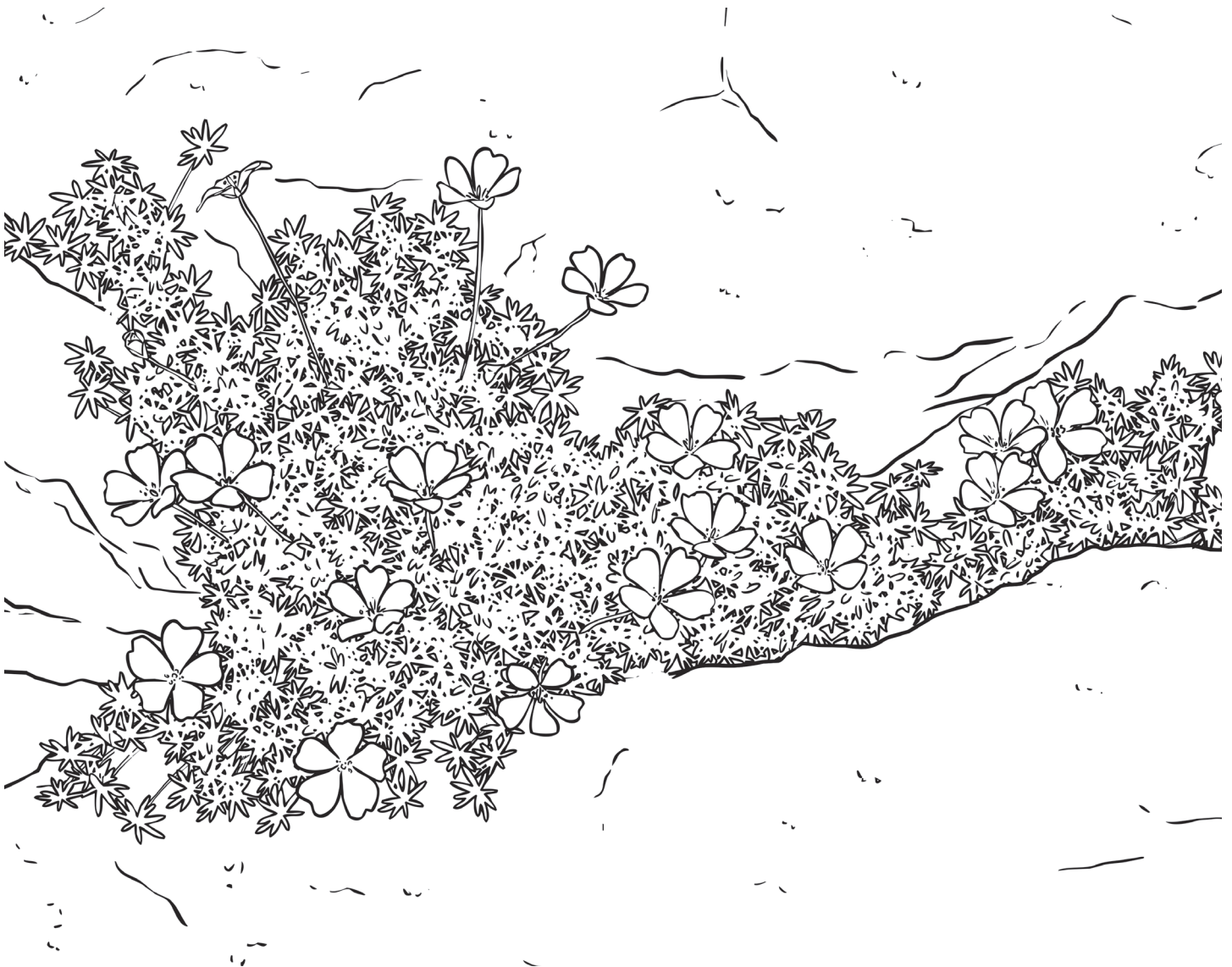


Plant Classification and Identification Data Sheet

Plant Type	Number of Plants Found	
	Area 1	Area 2
Buttercup	4	6
Daisy	10	2
Clover	6	3
Nettle	0	3
Dock	1	4
Ragwort	1	6
Dandelion	6	0
Total Number		



Plant Identification and Classification Investigation

When you are at your first area, list as many types of plants you can see using the table provided below. Count the number of each type of plant and record in the table. Repeat this at your second area.

Tip: Use the plant identification key to help you identify the flowers (any plants you don't know, draw them or take a picture to identify them in the classroom).

What are you looking at in this investigation? Circle the correct answer.

Type of animal

Type of flower

Type of tree

What are you measuring? Circle the correct answer.

Number of flowers

Number of weeds

Number of people

Plant Type	Number of Plants Found	
	Area 1	Area 2
Total Number		



Circle the words that you think describe area 1:

Sunny

Shady

Wet

Dry

Grassy

Add your own words here:

1. _____

2. _____

3. _____

4. _____

Circle the words that you think describe area 2:

Sunny

Shady

Wet

Dry

Grassy

Add your own words here:

1. _____

2. _____

3. _____

4. _____

Why have you calculated the total number of plants in an area?

Choose a word for the blank below.

difference

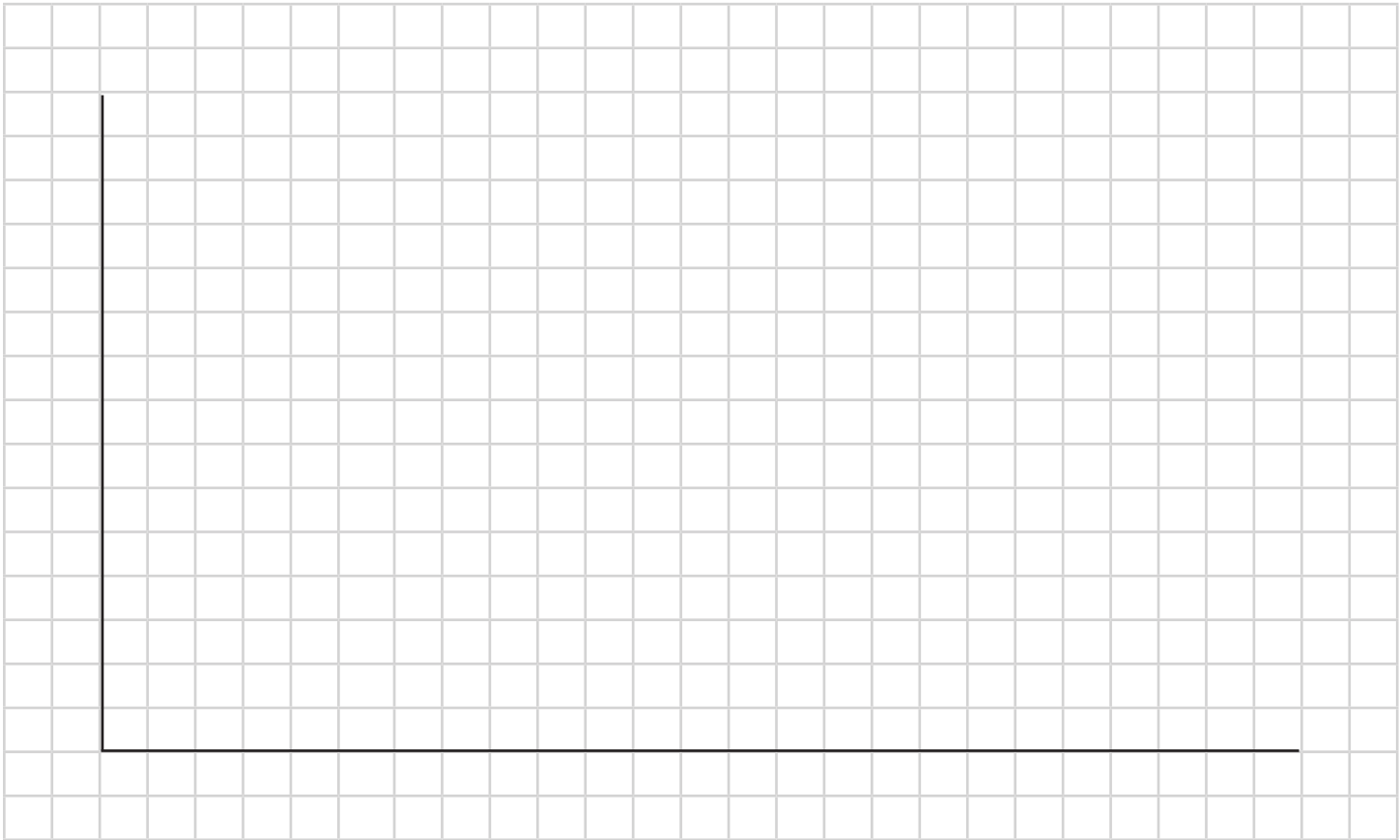
desert

divide

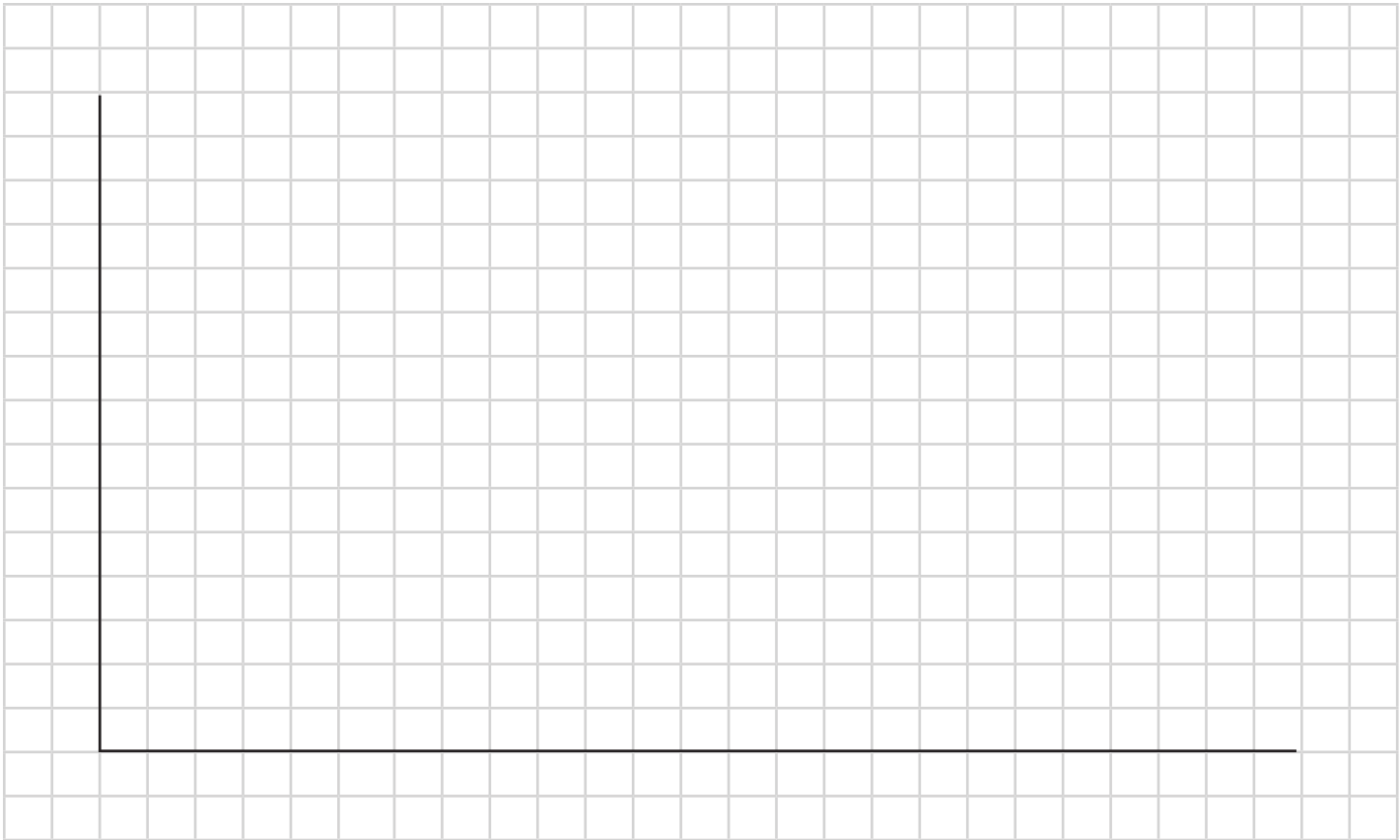
So you can see if there is a _____ in the total number of plants in each area.



Using the graph paper, plot a graph of your **area 1** results.



Using the graph paper, plot a graph of your **area 2** results.



What did your group find out? (Conclusion)

We found that area 1 had...

We found that area 2 had...



Plant Classification and Identification Answers

What are you looking at in this investigation? Circle the correct answer.

Type of flower

What are you measuring? Circle the correct answer

Number of flowers

Circle the words that you think describe area 1:

Pupils should come up with some extra descriptions.

Circle the words that you think describe area 2:

Pupils should come up with some extra descriptions.

Which type of plant did you find the most of?

Answers to this will vary. However, the majority of plants found will be flowering plants. Pupils may come across plants that are not currently flowering so they may be unsure of what type of plant they are. They could take a picture/draw the leaves and try and identify when they get inside.

Why have you calculated the total number of plants in an area?

Choose a word for the blank below.

So you can see if there is a difference in the total number of plants in each area.

Using the graph paper, draw a bar graph of your area 1 results.

Answers will vary depending on the results collected. If pupils have not collected enough results to make their own graph, they could use the set of data provided.

Using the graph paper, draw a bar graph of your area 2 results.

Answers will vary depending on the results collected. If pupils have not collected enough results to make their own graph, they could use the set of data provided.

What did your group find out? (Conclusion)

Pupils' answers will vary depending on their results. Hopefully, they will get a difference. For example, area 1 has more flowering plants than area 2. It might be that they find no obvious difference between the two areas as the same number of flowering plants are found in both places. In which case, you should expect an answer that identifies that the same number of plants were found in both areas and therefore no conclusion can be drawn. For higher ability pupils, encourage them to use data in their conclusion, e.g. there are two dandelions in area 1 compared to nine in area 2, this suggests that dandelions grow better in area 2.