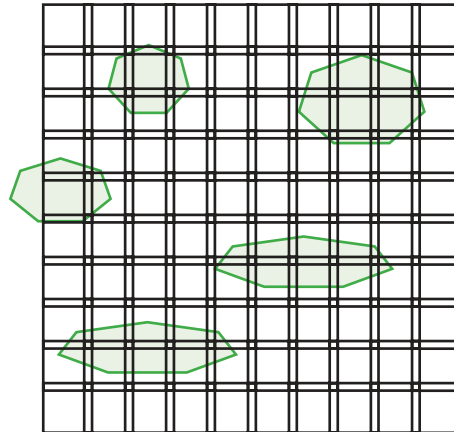


Investigating the effects of trampling

SHEET 1 - OBTAINING YOUR RESULTS

1. Place the quadrat on the ground.
2. Count the number of squares that each type of plant is found. Use the *Playing Field Plants* chart to help you to find out the names of plants you find.
3. Use a metre rule to measure the height at rest of the highest plant in the quadrat.
4. To measure soil hardness
 - (a) Hold the metal pin at arm's length above the quadrat and let it fall through your fingers.
 - (b) Measure the depth of entry into the soil.



The plant is found in 39 of the grid squares of the quadrat, so its frequency is 39%.

Make sure the same person takes all the soil hardness measurements. Be careful to hold the metal pin at the same height each time.

Common grassland plants in Gordon Square



Rough hawkbit



Dandelion



Creeping buttercup



White clover