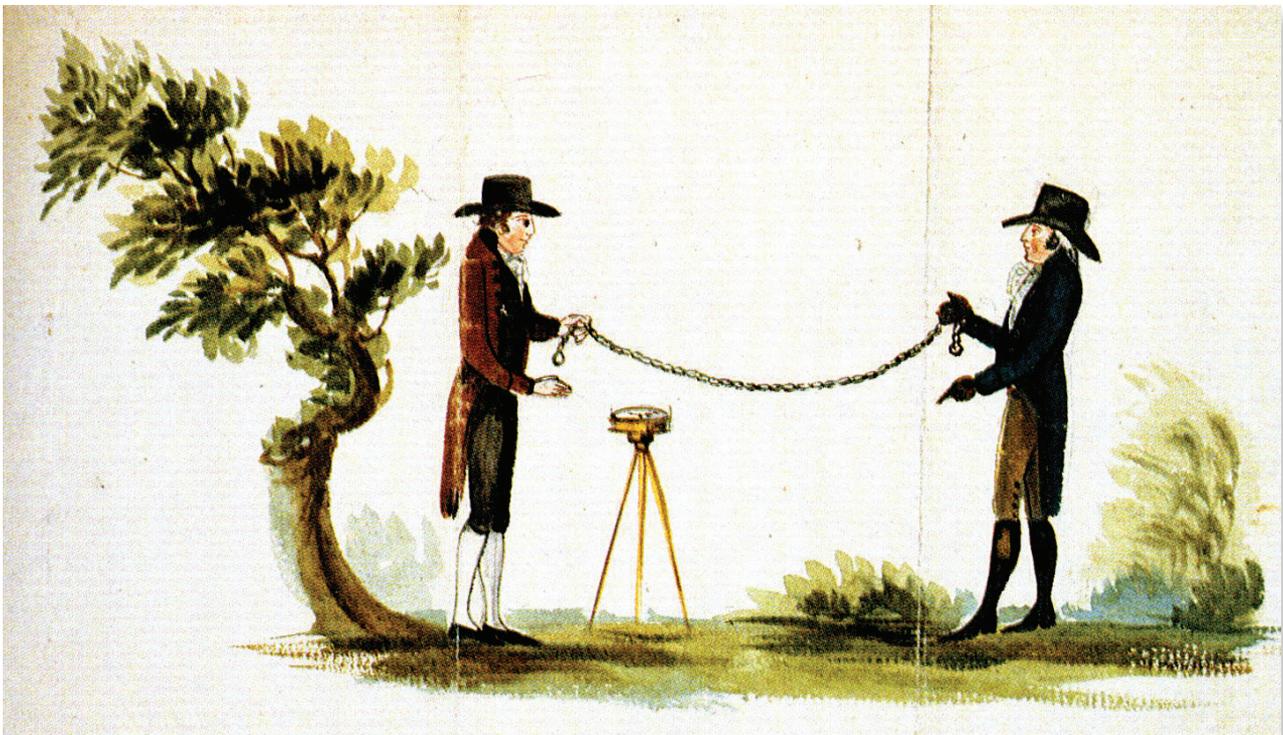


IRELAND FROM MAPS

EDUCATIONAL RESOURCE PACK
Leaving Certificate Resources



Making plans and using scale

This activity reinforces what students have learned in the exhibition about plan drawings, scale and orientation.

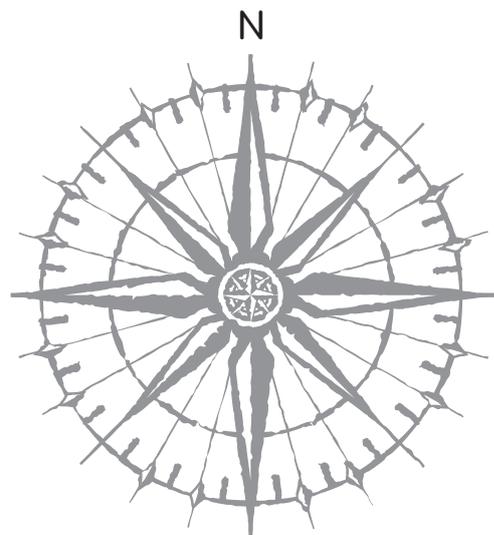
In the first part of the activity, students make a large scale plan of a small space – the classroom (or, if this is a homework assignment, their bedroom); having done this, they then work in teams to make a smaller scale plan of a larger space – the school yard.

Having completed the second part of the activity, students might wish to add in relevant symbols and shading to create an information graphic to illustrate the different activities taking place within that space.

A 'Making plans and using scale' activity sheet is included; squared paper, a measuring tape and a trundle wheel can be found in the discovery box.

Making plans and using scale

In this activity, you will drawing large scale and small scale plans which are orientated north.



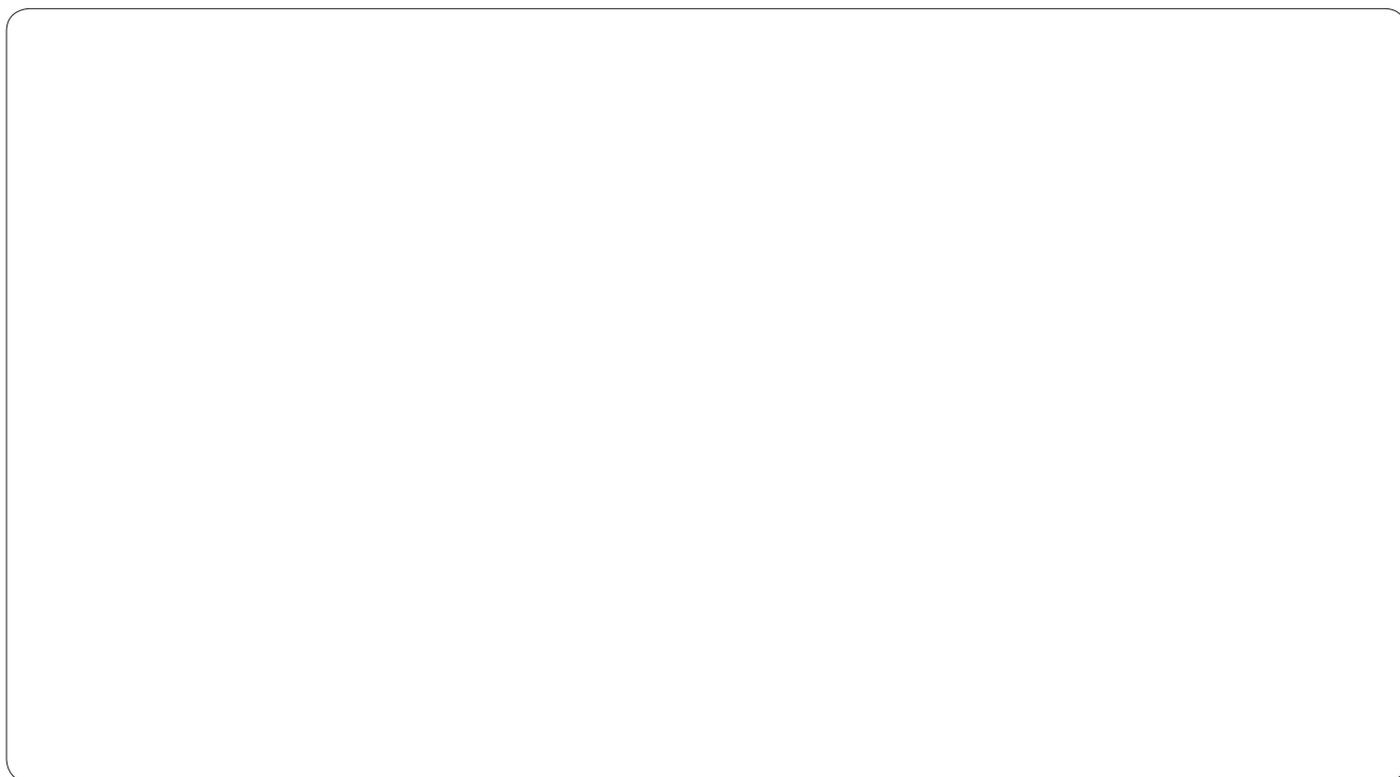
1. Mapping your classroom

Before you begin, draw a quick sketch plan of your classroom below. Mark in doors, windows and the whiteboard.

- A** Use the compass to find north. The top of your plan should be orientated north, so you will need to draw your plan accordingly.
- B** Now draw a scaled plan of the classroom using the measuring tape and squared paper. Depending how your plan is orientated, you may need to use a couple of pages, pasted together.
- C** Mark in doors, windows and the whiteboard on your plan. Write the scale in at the bottom.

Mapping the school yard

First draw a quick sketch plan of the yard below. Mark in large features like bike racks, goal posts, trees and gates etc.



- A** Use the compass to find north. Mark this on your graph paper for later.
- B** Use the trundle wheel to take the dimensions of the yard. Record your measurements for later. Take note of the location of the features you included in your earlier sketch plan.
- C** Back in the classroom, consider the orientation of your plan and the dimensions of the yard to work out an appropriate scale. Draw your plan on the squared paper provided (again, depending on how your plan is orientated, you may need to use a couple of pages, pasted together). Write your scale at the bottom of the plan and mark in any features.
- D** When you have finished your plan, devise a key or different shadings to illustrate the different activities taking place in different areas of the yard. Mark them in on the map in the manner of the information graphics you saw in the exhibition.