

**Go Further:  
What is a map?**



## Challenges

Now that you can draw a map from a bird's eye view, why not have a go at the following challenges?

- Draw the room or building that you are currently in as a map
- Draw the grounds around the building as a map
- Add measurements to the drawings. You can start by measuring the length and breadth of the area and then continue to measuring the distance between different landmarks and features

## Go even further

A scale drawing is one that shows a real-life object or area with accurate sizes except they have all been reduced or enlarged by a certain amount (called the scale). This makes it possible to draw large things smaller and small things larger.

It is obviously not possible to draw a whole landscape at real life size—well, it is possible, but it wouldn't be very useful! To get round this, cartographers draw maps to scale to allow them to shrink the landscape to fit onto a manageable size of paper. For example, one metre in real life might be represented by one centimetre on the map.

The scale that you use can vary depending on the size of the area you want to draw. The scale you use to draw your bedroom would be different from the scale you use to draw the whole of Scotland, but using scale, you can make both of them fit on the same sized piece of paper.

Why not have a go at a scale drawing? You could simply use your desk, the room you are in or a larger area like a local park or the grounds around the building you are in. All that you need for this are tape measures and some graph paper.

Download the Archaeology Scotland's Guide to Drawing a Plan [link below] PDF to help you.

[http://www.archaeologyscotland.org.uk/sites/default/files/EaO\\_drawing\\_plan.pdf](http://www.archaeologyscotland.org.uk/sites/default/files/EaO_drawing_plan.pdf)