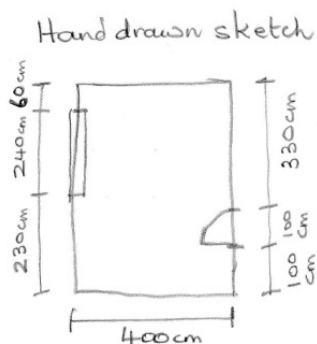


Idea 53: Plan to scale it down

A plan is a scale drawing. This means that the plan is drawn at a stated ratio to the actual size of the building.



Measure the classroom.

Record the measurements, in centimetres, on a hand drawn sketch.

Accurate drawing

The plan of the classroom is drawn to a scale of 1:100. This means that 1cm on the plan represents 100 cm (1m) on the actual floor space.

Here there is also a scale bar which provides a quick visual indication of the size of objects. A scale bar is divided into units and is labelled with the ground length. Even if the size of the plan is reduced or enlarged on a photocopier, the ratio of the size of the unit on the scale bar to the plan will remain the same.

