

Instructions:

- Go online and choose a famous building, structure or feature.
- Record the dimensions of it on a quick sketch – as detailed as possible. (More than just the basic 3 dimensions.)
- Choose a scale so your final diagram uses most of the space on the back of this page (27.5 cm tall) – choose an appropriate scale to accomplish this.
- Scale the object's dimensions. Show a sample calculation.
- Draw a scale diagram of your chosen object on the back of this page.
- Calculate either the surface area or the volume of your object.

What object have you chosen?

Quick sketch with actual dimensions (more than 3) labelled:

What scale are you using? So your object will fit on most of the back of this page (27.5 cm tall).

1 cm on diagram = _____ on real object

Sample Calculation:

Calculated dimensions for your scale drawing:

Surface Area or Volume calculation:

Scale Drawing: Fill as much of this 27.5 cm page as possible with your accurate and labelled scale drawing.