

Bedroom Design and Decoration Project

You are being to asked to design and decorate your bedroom on a budget using a number of mathematical skills. It must be painted a new colour and consist of a particular items...

What will I have to Do?

You have been given the task of designing and decorating your Bedroom. You will have £950 to spend in total and you must produce a detailed Goodnotes document of what you did, how you did it, and the mathematical working involved at every step.

The main key areas are below:

- 1) Measure the dimensions of your room (Walls and Ceiling)
- 2) Draw a plan of your bedroom to scale
- 3) Budget!
- 4) Research and buy the paint and decorating equipment you will need
- 5) Research and buy the necessary furniture (see list)

Measure the Room

1) Measure and record the following:

- Walls (Width/Height)
- Floor space (Width/Length)

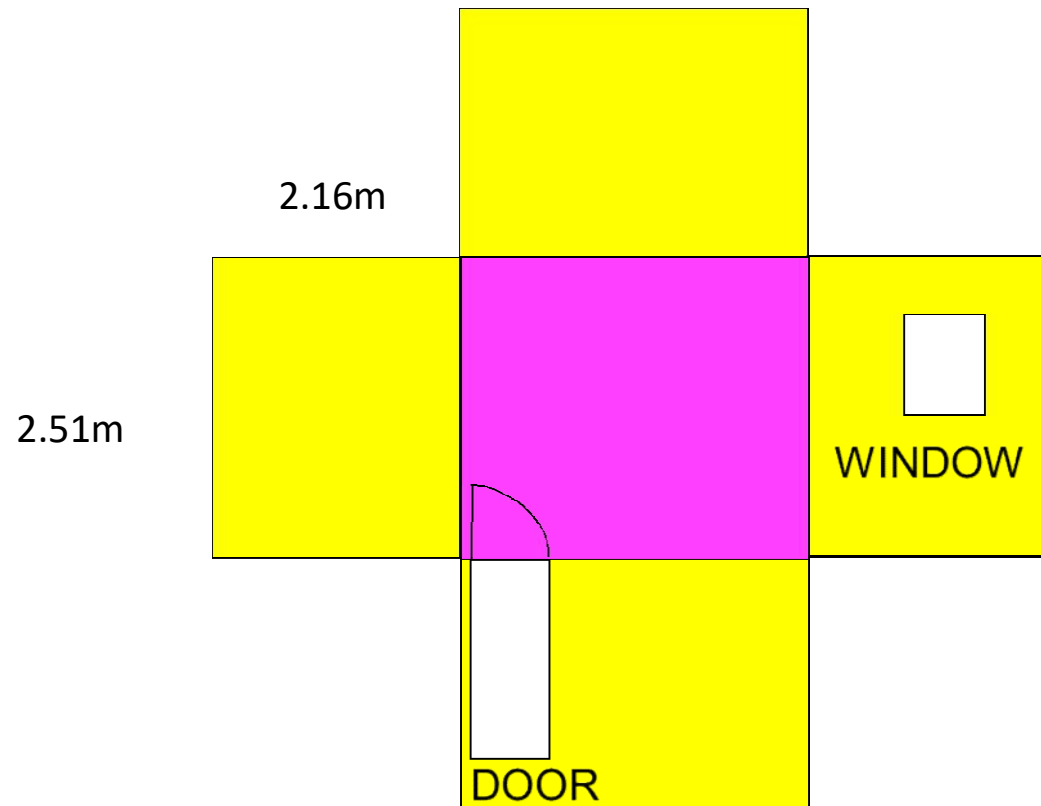
- Find the Area (m^2)

2) Draw a Plan of the Bedroom

- In your book you will need to produce a plan of your room with the measurements that you took in Step 1. (Remember to upload a photograph of it to your Goodnotes document)
- Please see the Example on next slide as a guide.
- Remember to include the lengths and heights of the various walls, doors, windows etc.
- We would like you to draw it accurately using your knowledge of scale

Example

Scale 1:200 (you can use any scale factor, but please specify)



3) Buy Decorating Tools

- You can buy as much equipment or as little equipment as you like however minimum requirement is 2 paintbrushes.
- Paint (Research how many litres of paint you require. This will depend on how many metres squared your room is!)
- Make sure all your purchases and research is documented in Goodnotes

4) Budget

You have £950 to spend in total for EVERYTHING. This includes the money spent on paint, brushes etc. Those items highlighted in RED you must have in the room. Anything else left over can be spent on additional items.

Bed Frame

Mattress

Duvet and Pillows

Duvet Cover and Pillow Cases

Wardrobe

Gaming Chair

Chest of Drawers etc

Additional Guidance

- A screenshot of all items and prices must be taken and added to your Goodnotes document.
- Remember try and find some good deals online, e bay etc
- When you design your room make sure the door can open and that you have enough space to put in the furniture you buy!