

Design and present an A3 poster to show your dream home. Include a scale drawing with measurements and some costings.

Requirements:

- Create a scale drawing of your house - you will need a separate drawing for each floor and will need to include the garden. Be careful when choosing your scale as it must all fit on one A3 sheet.
- Your scale drawing of the house should include: a living room, kitchen, bedrooms, bathroom(s) and a garage. You also need to show doors, windows and stairs, plus a hall if you wish. To help, a standard door is 90cm wide.
- You must include a scale for your scale drawing and, for each room, you must give the actual dimensions and the floor area. This can be included on your scale drawing or in a separate table.
- To improve your scale drawing you can add some furniture, drawn to scale. This could be a complete set of furniture in one room or small amounts of furniture in all the rooms. Approximate sizes of some furniture are shown in the table below but don't just stick to this list, you can estimate the size of other pieces of furniture and include these too. As with each room you must include the actual dimensions of each piece of furniture and make sure that it all fits into the room. This can again be stated on your scale drawing or in a table.
- Now choose your flooring. You can either have carpet at £20 per m², wood at £40 per m², laminate at £15 per m², tiles at £25 per m² or stone at £50 per m². You can also have a mixture of flooring. Once you have chosen, calculate the cost of flooring for your house.

Furniture	Width (cm)	Length (cm)
Single bed	90	190
Double bed	135	190
Wardrobe	115	50
Drawers	50	25
Bookcase	80	30
Bedside table	45	40
Dressing table	120	40
Desk	140	65
Bath	170	70
Cooker	60	60
Washing machine	55	60
Garden shed	180	180

Furniture	Width (cm)	Length (cm)
Dining table	2m	100
Coffee table	120	80
TV table	80	40
Sideboard	120	60
Sofa (2 seater)	170	100
Sofa (3 seater)	220	100
Armchair	80	85
Piano	140	35
Shower	75	75
Fridge	55	60
Freezer	55	60
Garden bench	130	65



Teaching notes

Possible extensions:

- Students could use the internet to research exact dimensions of specific furniture that they wish to add.
- Students could be asked to cost more of the build. Using the internet, they (or you) could find the costs of bricks, roof tiles, furniture, and other materials. Possibly even the labour involved.
- For a shorter task, students could be asked just to complete the scale drawing of the house without furniture or costings.