

## Garden Design Challenge Part 2

Now design your garden.

You can choose items from the list below.

You need to know how much area you have covered with each item, so record that on your plan.

- Draw out your garden plan, with the sizes labelled neatly.
- Work out the cost of your garden. You may use a calculator.

Additional challenge – can you keep your spending below a £800 budget?

You need a fence all the way round your garden. The fence costs £1 per metre.

Item	Cost
Grass (sold in square metres)	80p per square metre
Vegetable Patch (sold in square metres)	Compost = £1 per square metre
Paving slabs	£2 each
Fruit trees: small is 4m <sup>2</sup> large is 9m <sup>2</sup>	Small = £30 each, large = £45
Pond	£20 per square metre
Flowers	£5 for 20 bulbs (20 bulbs will cover 1m <sup>2</sup> )
Shed	3m x 2m = £110      4m x 3m = £150
Greenhouse	3m x 2m = £130      4m x 3m = £200
Decking	£5 per square metre
Bird table	£18
Bench ( ½ m x 2m)	£80
Children's play area	Slide = £100 See saw = £80 Climbing frame = £300

Here is an example of how you could create your garden design and record your spending in an organised way. You could do something similar or find your own way to record.

I've drawn my garden using a 1cm=1m scale, so 1cm on my picture is 1m in real life. Using a scale means you can make sure everything will actually fit in your garden. If you have squared paper, it will make it even easier!

Item	Amount x Price	Cost
Fence	46m x £1	£46
Decking	15m <sup>2</sup> x £5	£75
Veg. patch	6m <sup>2</sup> x £1	£6
Flowers	7m <sup>2</sup> x £5	£35
Pond	4m <sup>2</sup> x £20	£80
Shed	3m x 2m	£110
Bench	4m <sup>2</sup>	£80
Fruit tree	48m <sup>2</sup> x £0.80	£38.40
Grass	13 x £2	£26
Paving slabs		
		Total spend £526.40

  

Perimeter = 10 + 3 + 5 + 10 + 5 + 10 + 3 = 46m.

Veg. patch 2 x 3 = 6m<sup>2</sup>

Flowers 1 x 7 = 7m<sup>2</sup>

Decking 5 x 3 = 15m<sup>2</sup>

Pond 2 x 2 = 4m<sup>2</sup>

Grass 4m x 7 = 28 + (8 x 3 = 24) - 4 = 20 = 48m<sup>2</sup>