

Build your own garden bed



The Block is a television show where couples renovate homes and sell them to make a profit. They need your help!

Your task is to create your own garden bed, good enough to sell once you've finished! But there's a catch.. you'll have to use your

measurement skills to help you.. and you'll have to do it on a budget!

You have \$1000 to create this garden bed. You are not renovating the whole backyard, you are focusing totally on the garden bed. There are lots of things to consider. What type of garden would you like to have? Flowers? Native flora? Vegetable? Herb?

How are you going to keep track of how much you spend to get the job done?

Your grade's blog is going to be your main resource for information for this task and for catalogues that you can use for your purchasing!

Planning

The **perimeter** of your back yard is 18m.

Firstly draw your backyard and what you think the dimensions could be.

Decide on your dimensions and then work out the **area** of your backyard.

Remember your task is to create a garden bed that goes in your backyard. Where is it going to be placed? Is it going to be on the side? Up the back? In the middle?

Plan where you want your garden bed to be and how big you think it should be.

Calculate the perimeter and area of your garden bed.

Now that you've determined the perimeter and area of your garden bed you will need to start building it. How high are the sides going to be?

Once you've determined the height of the sides, calculate the **volume** of your garden bed.

Costing & Designing

You've now worked out the area, perimeter and volume of your garden bed.

The next thing you need to do is purchase your tools, wood, soil and plants that will create the garden bed. Your grade blog will have links to catalogues that you can purchase from.

Remember, your budget is \$1000!

Use your **Numbers** app to create a spreadsheet to keep a track of your costs and a record of your purchases.

Soil

Soil is on special at Bunnings for \$15 a bag which would cover 1m³ (with 10% off!) Calculate how much the soil is now per bag after the discount.

Design your garden and where your plants would go. You may like to create a key/legend. Make sure you space them evenly into your garden bed and remember not to over fill it. All drawing must be positioned to scale on your plan (birds eye view).

Presenting

Now that you've created your garden bed you need to present it!

You need to create a new post on your blog. Include your design of your backyard and garden bed (including area, perimeter and volume calculations)

Also include a screen shot of your spread sheet with all your costings and purchases and any other working out you need.

