

Design Task

You have to design and model a new desk tidy made completely from recycled items in your house.

The desk tidy should hold pens & pencils.

It can also hold a phone and other items you use at a desk when working.

This task will take 5 weeks to complete. You must submit your work weekly so we can see your progress.



Creative Inspiration

Week 1

Watch the videos below and get your creative ideas flowing.



Mood board

Week 1

Mood board:

Create a mood board (a collection of pictures from google images) with inspirational images related to the design brief. 10 images taken from the internet. Example below



Explain what you like and don't like about each of the images. What features will you use in your design?

Create a specification for all the things your desk tidy must do. You must have a list of between 8 and 10 statements from the following headings.

- Function – What does it need to hold?
- Aesthetics – What will it look like? Shapes, colours, textures, theme?
- Construction - Materials – What will it be made out of? How will it be put together – glue, screws, etc?
- Ergonomics – How will we use it? What size does it need to be? Will it be lightweight? Will it be easy to move?
- Safety – Will there be any sharp parts? How will it all fit together?

Recording Measurements

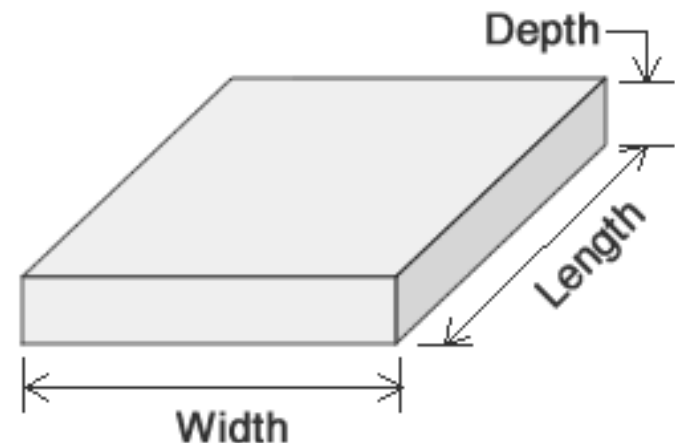
Week 2

This week you will need to record the measurements of all the important things you will store in your new desk tidy. This will help you draw out accurate designs that fit all your items.

Get a ruler and measure the items you will need. Remember to measure in mm!

Item Name	Length (mm)	Width (mm)	Depth (mm)
Calculator	180	100	10
Pencil			
Pen			
Sticky notes			

You can measure as many things as you want to add.



Initial Ideas

Week 3

This is where the fun starts!

I want you to draw out 3 or 4 ideas for your desk tidy. Remember the ideas must use old recycled things from your house. News paper, tins, pots, lollipop sticks etc.

Draw out the ideas on paper and then take pictures to add to your PowerPoint/Word document.



Start Your Make!

Week 4

Now if you weren't creative enough last week, you get to make a model from recycled bits around the house or your blue bins.

Models are supposed to be functional, not just about what they look like.

Use the time to make a functional model, using recycled bits, tape, split pins and anything your have around the house.

Evaluation of your desk tidy

Week 5

Take a picture of your desk tidy and put it here.

Customer review (ask someone you live with to say what they like and dont like.

What would you change next time?

Improvements made from your initial sketch to make the final design -

Did it work well and if not what parts do you feel were unsuccessful?