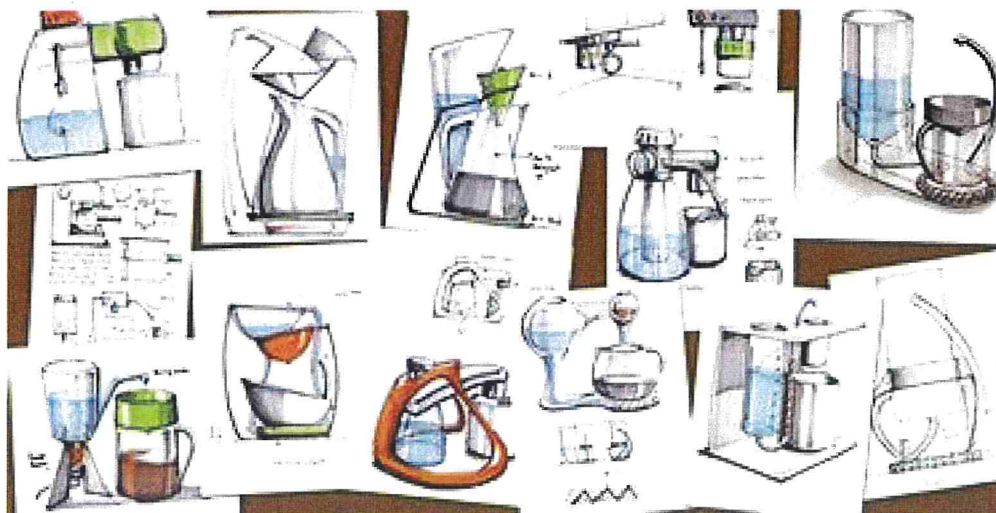


Summer Term Design Challenges Year 10



Please keep any work that you do as it can be used as your extra evidence in your coursework!

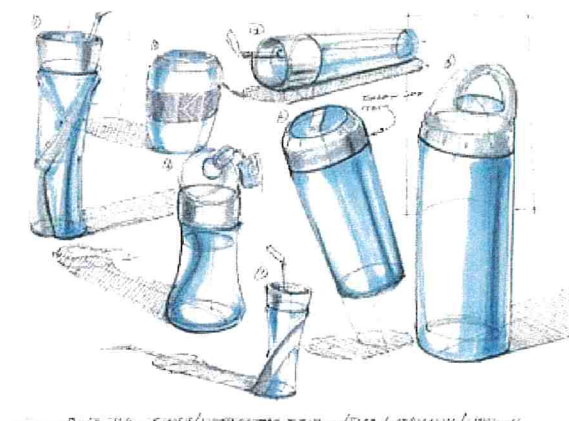
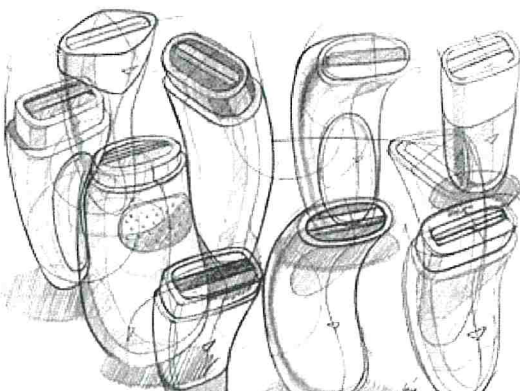
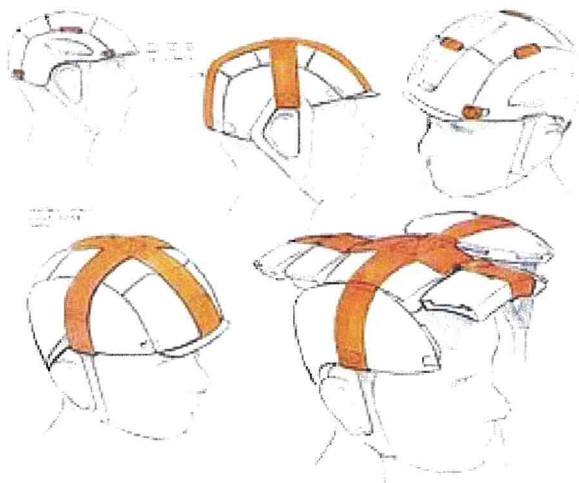
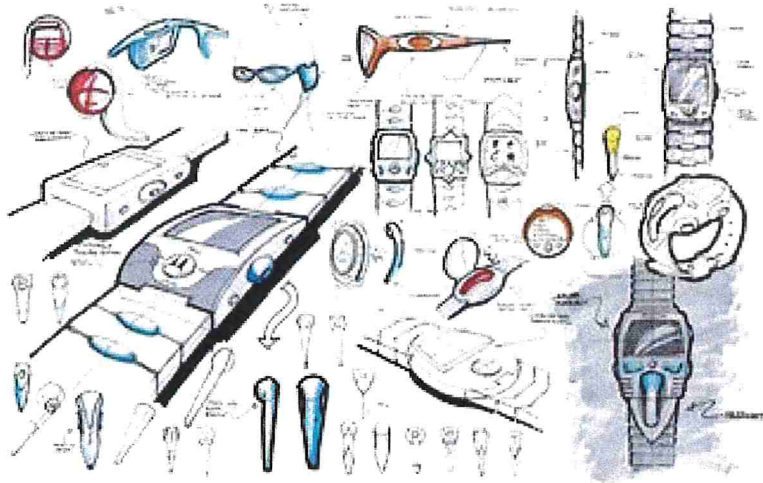
Task 1

Look at different products that are around you – It could be anything such as your phone, headphones, controller, remote control! Kettle, cup ANYTHING! Practice quick sketching (Just drawing the same product on the same page at different angles and different positions. Try to make it look like the examples on this page.

Task 2

Choose one of the products that you previously drew in Task 1 and now develop the product in some way (Add something, take something away make an improvement etc.) Present your ideas in the same way as the examples on this page!

- Look at the way that the design pages are presented.
- Quick sketching techniques.
- Drawing over existing designs – showing new ideas constantly.



The design company Alessi are well known for their iconic and inspirational kitchen products some of which can be seen below.



Choose two of the everyday kitchen products below and redesign them in the style of 'Alessi'. On your design pages you must:

- Present your ideas in the style that you practiced in your week 1 tasks.
- Explain why you have chosen the products.
- Explain what changes you made and why you think it makes the design in the style of 'Alessi'.



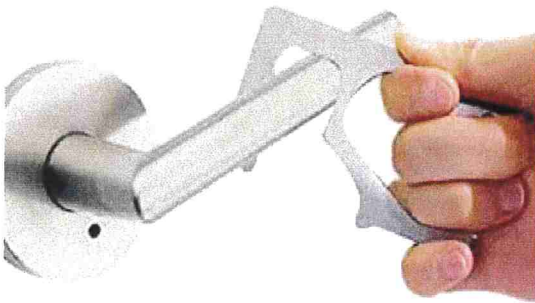
Task 1

With the on going situation at the moment we all have to be very careful about hygiene. Door handles are one of the most common things that are touched by more than one person and are used all the time in our everyday lives.

In the pictures below you can see examples of a device that can be used to open doors.

Your task is to design your own version that can be used.

- Think about how it would securely attach to the handle being opened.
- The different types of handles that are used.
- The sizes of the hands using them (Ergonomics & Anthropometrics)
- Making it a suitable size so that it can be carried around.



- Make sure your design page is presented in the style that you have been practicing over the last few weeks tasks.
- Try different media to present your ideas.
- **MODEL** your design using card (you could use cereal packet card- Layer it up to make it thicker etc.) Test your model on handles in your house
- Do you think it would work? What are the problems? What do other people think of your design?

It is really important that you show a RANGE of techniques throughout your coursework and extra evidence work.

Throughout Lockdown everyone has been limited to what is available to them.

Your task is to be as creative as possible with the media you have available to you. Examples could include:

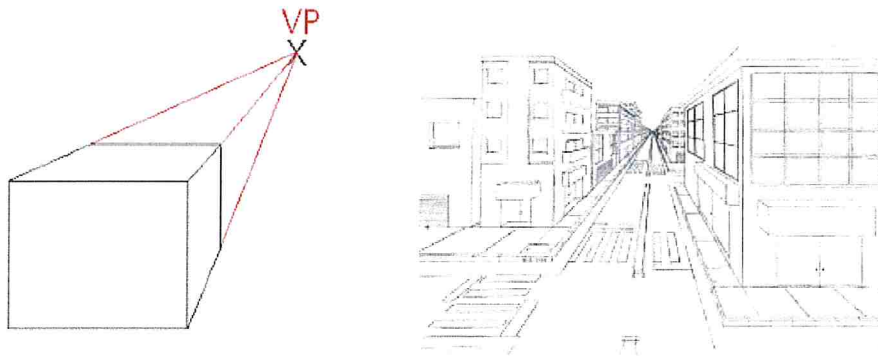
- Different types of pens- Biro, markers, felts, crayons, chalk etc. using them in the same design not just one for each design.
- Cutting out sections of magazines/packages etc. – Using the same colours to fill in a section of the design.
- Using old pieces of material.
- Using fingerprints, paint on ear buds produce dots!

Your task is to draw the following products and colour them using different media to make them look as interesting/creative as possible. (Your drawings shouldn't be the same colours as the examples I want you to be creative!)

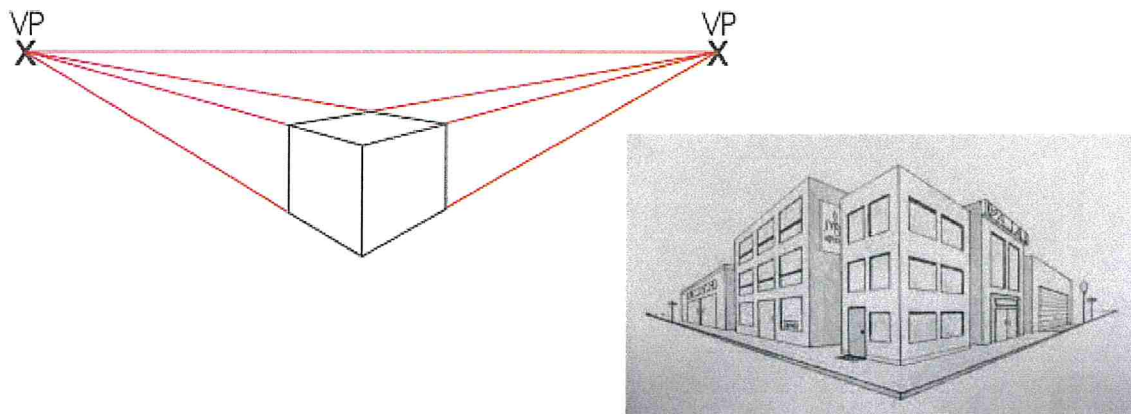


Have a go at the different drawing techniques you learnt at the beginning of year 10. How much can you remember?

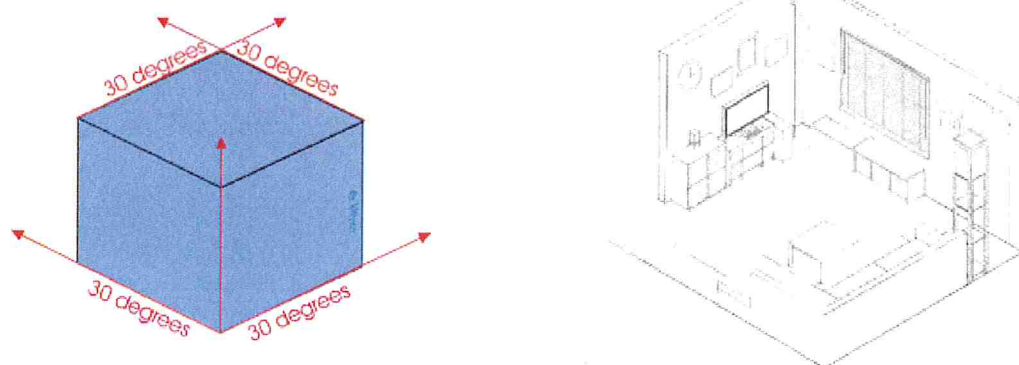
One point perspective.



Two point perspective



Isometric drawing



Your task is to have a go at drawing using the techniques above. Try to use a ruler and think about your construction lines and actual lines!

Have a go at drawing diagrams other than cubes! Look at the examples next to the techniques for inspiration!

Extension

Render your drawings using different techniques!