

Design & Technology

Textiles

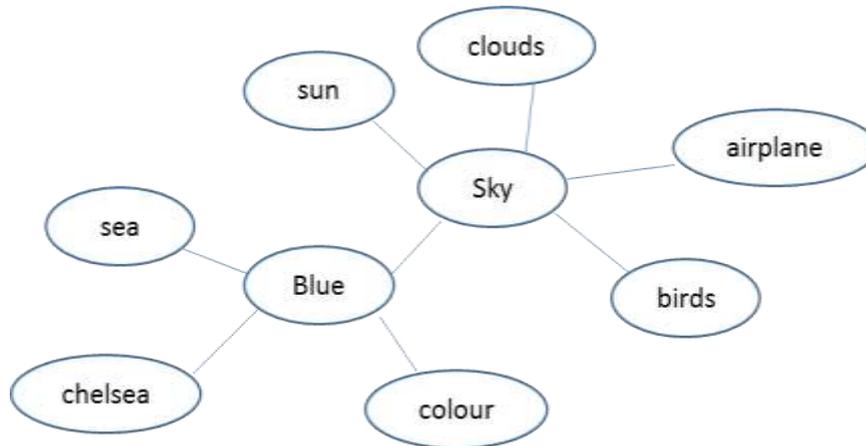
Product Design

Cooking & Nutrition

Skills and tasks for the next few weeks

1. Basic sketching techniques
 - a. Look around you and choose an object to sketch. It could be a piece of furniture, an electronic device, fruit, something from nature like flowers or trees or a full room.
 - b. Using just a pencil sketch the item or items.
 - c. Aim to get the sizing correct. For example if you are sketching a big tall tree with small flowers beside it don't draw the flowers as big as the tree.
 - d. Add as much of the detail as possible. Are there grooves or curves or patterns you can add.
 - e. Is the light causing a shadow? Can you sketch the shadow?
 - f. Then using colouring pencils consider adding shading. Use the techniques we have done such as the circle method, cross hatching and shadow method.
2. Sketching and improving designs. Developing your designs.
 - a. Sketch an object such as a mobile phone.
 - b. Now redraw the object beside it but make 4 or 5 improvements
 - c. For example could you move the button locations or shape? Would you change the design or location of the logo?
 - d. Linking to your skills from English lessons you should explain the changes and justify them? Why would these changes make the design better? What would you need to consider? Would moving a button make it easier to use? Why?
 - e. Keep thinking why why why every time you make a change or give an answer.
3. Scaled drawings, isometric and perspective drawings.
 - a. These are commonly used in architecture, engineering and design environments and you will require a ruler and pencil.
 - b. Check out BBC Bitesize and see can you attempt them.
 - c. Can you attempt single point and two point perspective drawings?
 - d. Some key words are vanishing point, horizontal edges, vertical edges, parallel edges, and ratio. Can look up the meaning of these words, what they are and what they mean?
 - e. Much of the measuring, scale and ratio involves maths so this will also help this subject.
4. Moodboard
 - a. Many of you will have already done this in year 7 Textiles.
 - b. This is a very fun task and can be used to help get ideas for designs.
 - c. Designers often use this to get inspiration or show how a room or design may look.
 - d. There are many ways you can create a moodboard.
 - i. Print out lots and lots of pictures from the internet of things you like. Cut them to shape and then stick them all onto a page. Have all the pictures overlap and aim to ensure there are no spaces.
 - ii. Cut out pictures from magazines or books
 - iii. Cut out bits of fabric
 - e. One challenge could be for you to imagine you are a designer and have been asked to redesign a room in the house. Create a moodboard with lots of items to explain what colours you will use, what materials, types of furniture, etc.
5. Spider Diagram/Thought Shower
 - a. Many of you will have already done this in year 7 Textiles.

- b. This is very useful in English also if you have an essay or story to write.
- c. Start with a word in the middle of the page. Then draw a circle around it. This has become your spiders body. Now bring out 5 or 6 legs from the body. When you think of the word in the body what words come into your head. Write these words at the end of the legs.
- d. Then choose one of the other words and draw a body around it. Just thinking about that word now bring out 5 or 6 legs and write words at the end of it.
- e. For example



6. Have you some sewing needles or a sewing machine at home? Can you sit with an adult and practice using them?
7. There are lots of great recipes you could follow. Can you work with an adult and practice making them? We talk lots in Cooking and Nutrition about adapting the recipes. Can you do this?