

## Homework Sheet

Choose your homework tasks from the selection below.  
Research tasks should be at least two weeks long and presented appropriately.



- ☐ Create a poster to show some different types of wood joints that exist. Give an example of a product that the joint is used for.
- ☐ Choose **6** key words from this project. Write out the definition and then re-write it in your own words.
- ☐ Choose a product from your home that you believe is a good piece of design. Explain what it does and why you think that it is good. Include a picture of your product.
- ☐ Produce a step by step guide on how to make a finger joint.
- ☐ Identify the different categories of plastic. Write them down along with an example of a plastic and a product made from that plastic.



- ☐ Write down **6** life skills that Technology helps you to develop. E.g. Patience. Then write a sentence for each that explains how it supports that skill.
- ☐ Hinges are from a group called bought in components. Write a definition of a bought in component and give some more examples.
- ☐ Produce a step by step guide on how you are going to make your product. Make sure you include the name of the materials and equipment you will use.
- ☐ Create a **mind map** to show the different groups of a material of your choice, examples and products made from them. This **MUST** include colour and images.



- ☐ Softwoods are a Renewable resource and Hardwoods are a Non Renewable resource. Explain what these key words are and why that statement is true.
- ☐ Find a YouTube video which explains something that you have been learning. Write a 2 paragraph review of it and then be ready to show and explain it to the class.
- ☐ Write a article for a gadget magazine reviewing a product of your choice.
- ☐ What is CAD? What is CAM? Draw a table to write the advantages and disadvantages of each one?
- ☐ Write a poem, rap or song to help people remember different types of woods.

### Research Task



- ☐ Look at a range of Google logos. Print them off and write about what they show individually. Then design your own google logo for a specific event. E.g. VE Day

### Research Task

- ☐ Research passport designs and design a cover and inside for the new British passport that could be available after Britain leaves the EU.



### Research Task



- ☐ Make a project showing products that are designed for people with impairments such as arthritis or blindness. Compare it to the other products that would not work as affectively.

### Side Orders

- ☐ Create an end of project quiz that will test other pupils.
- ☐ Create a word search or cross word with at least 12 key words.

- ☐ Work with a friend to create a video demonstrating how to use the pillar drill.
- ☐ Design a starter activity for a lesson. Ask a teacher for next weeks key topic.
- ☐ Watch an episode of Dragon's Den and write about your favourite pitch.