



Student Work Book

JOINERY

Meet the team!

Hello from the Stockton Riverside College Schools Team!
We want to let you know we are here to help you as restrictions start to ease in any way that we can. Remember that although your exams have been cancelled your place at Stockton Riverside College hasn't.



We know everyone is very keen to get started with us in September, and we can't wait to see you all then! We've developed these workbooks to help support you and help you fine-tune your knowledge and skills before you join us. Working closely with course tutors, we've come up with some tasks to help ensure you're up to speed once you start with us in September. We'll also be sending out more guides and top tips to get you started before you enroll!

Don't forget to follow us on our social channels for regular updates, competitions and campus news. Every Tuesday the Schools Team host weekly course takeover Q&A sessions on Instagram to answer any questions you may have! We hope you're as excited as we are for you to start your journey with us. If you have any questions, please get in touch via social media or check out our website for FAQs and latest updates relating to government guidelines.



We hope to see you soon!

Firstly, all of us would like to congratulate you on the acceptance of your chosen course. We eagerly await to meet you in the coming months!

We continue to find ourselves in unfamiliar times, so let's focus on the future and the journey you will soon be beginning. This booklet contains several different activities to complete. The following tasks are aimed at preparing you for your new chapter. Please email your completed work to adam.howe@the-etc.ac.uk
Good luck!

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Welcome to your Carpentry and Joinery Summer Induction Pack. We have put together this worksheet that outlines 4 tasks for you to complete. These have been designed to help test your Carpentry knowledge. Try your hand at these tasks to see if you have a passion for the Carpentry industry.





TASK 1

A. List 3 countries where each of the following hardwoods are found:

The Hardwood Family (Angiosperms)

Beech _____
Ash _____
Oak _____
Walnut _____
Birch _____
Teak _____
Mahogany _____
Sapele _____

B. List 3 countries where each of the following softwoods are found:

Parana pine _____
Scots pine _____
Lodge pole pine _____
European Redwood _____
Sitka spruce _____
Western hemlock _____
Douglas fir _____
Western red cedar _____



TASK 2

A. Draw the end view of a softwood log. The drawing should be approximately 50mm in diameter. On the drawing, indicate the following features: Bark, Bast, Summerwood and Springwood.

B. Explain the process known as photosynthesis.

C. Name the cells of softwood and hardwood:

Softwood:

Hardwood:

TASK 3

A. Name four types of plane used in a joinery workshop and state what they are used for.

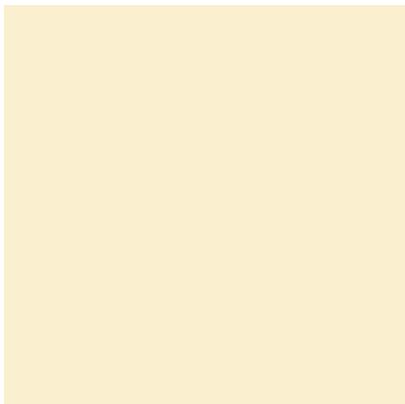
- a) _____

- b) _____

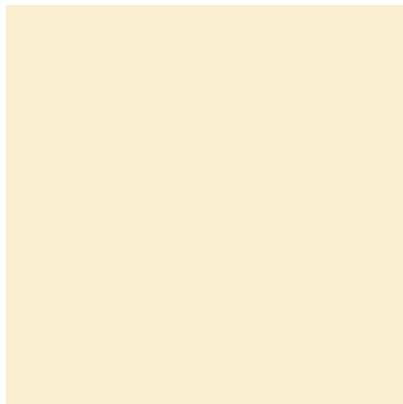
- c) _____

- d) _____

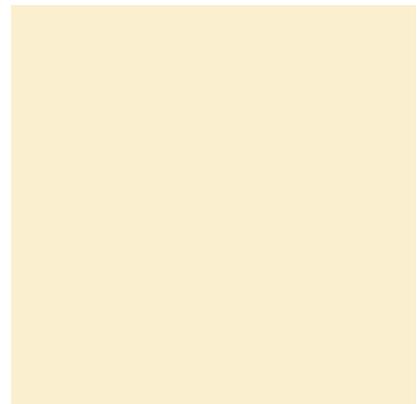
B. By means of a sketch show the difference between



A Firmer Chisel



A Bevelled Chisel



A Mortice Chisel

C. Make a neat sketch of a Warrington hammer and show how the head is secured to the shaft.





TASK 4

If you were applying for an apprenticeship in Carpentry & Joinery, use the space below to tell the employer why you should be given the job.