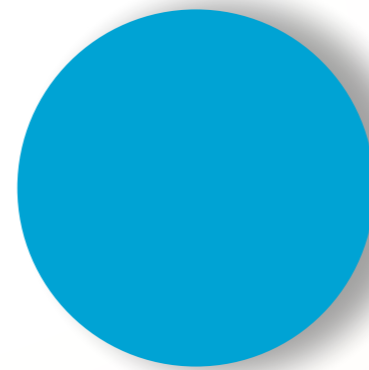


WORKING WITH WOODS

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS <https://www.facebook.com/groups/254963448192823/> www.technologystudent.com © 2020 V.Ryan © 2020

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO
DOWNLOAD THE “WORKING WITH WOODS” APP, FROM THE
INTERACTIVE MOBILE APP SECTION OF
www.technologystudent.com

**CLICK ON THE
BUTTON
TO DOWNLOAD
THE APP**



Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

IF YOU ARE AN EDUCATOR, CONSIDER JOINING US AT FACEBOOK – WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

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WOODS - STANDARD FITTINGS AND COMPONENTS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1

**WHAT ARE DOWEL RODS?
DESCRIBE AN EXAMPLE OF THEIR USE**

**SKETCH THE USE OF DOWEL RODS,
YOU DESCRIBED IN THE PREVIOUS BOX.**

2

NAME FOUR TYPES OF MACHINE SCREW / BOLT, USED AS STANDARD COMPONENTS. SKETCH ONE OF YOUR NAMED MACHINE SCREW / BOLTS.

NAMES

SKETCH OF SCREW / BOLT

NAME: _____

A. _____

B. _____

C. _____

D. _____

3

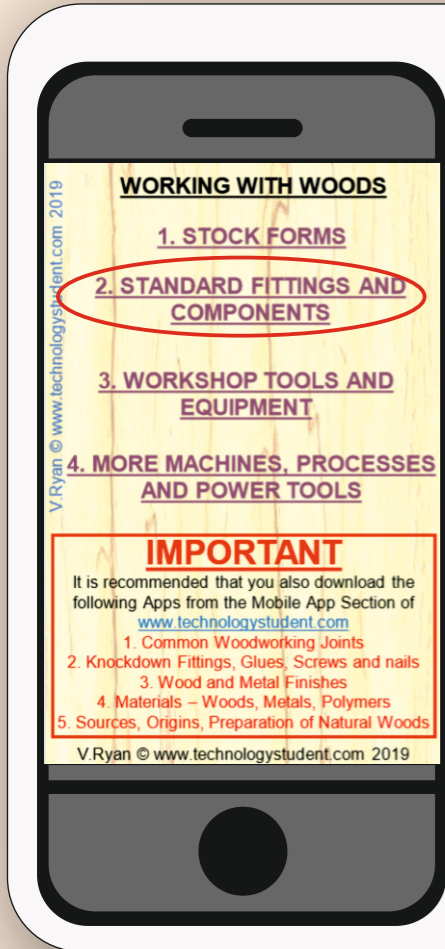
NAME FOUR TYPES OF WOOD SCREW

**SKETCH TWO OF THE WOOD SCREWS
YOU NAMED IN THE PREVIOUS BOX.**

NAME: _____

NAME: _____

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WOODS - STANDARD FITTINGS AND COMPONENTS

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**ARE YOU READY?
USE THE MOBILE App!!**

1

DESCRIBE THE TYPICAL USE OF A BUTT HINGE.



SKETCH A BUTT HINGE HERE.

2

NAME FOUR MORE TYPES OF HINGE. SKETCH ONE OF YOUR NAMED HINGES

NAMES

SKETCH HINGE

NAME: _____

A. _____

B. _____

C. _____

D. _____

3

DESCRIBE A TYPICAL USE OF A PANEL PIN.

DESCRIBE A TYPICAL USE OF A CORRUGATED FASTENER



SKETCH THE FOLLOWING NAILS:

PANEL PIN

CORRUGATED FASTENER

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WORKSHOP TOOLS AND EQUIPMENT

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LINK

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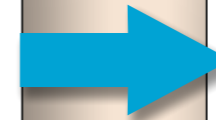
**ARE YOU READY?
USE THE MOBILE App!!**

1

NAME THE MACHINE SEEN IN THE OPPOSITE BOX AND DESCRIBE ITS TYPICAL USE.

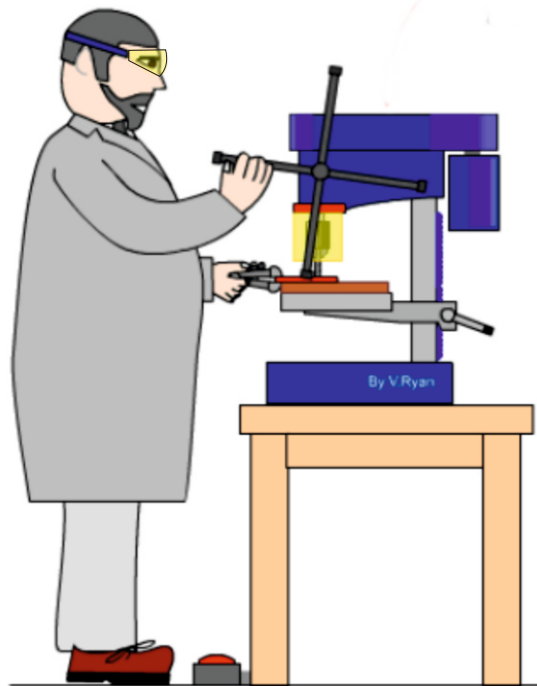
NAME: _____

DESCRIPTION: _____



2

DESCRIBE SAFETY FACTORS RELATING TO THE DRILLING MACHINE SEEN BELOW.



3

NAME THREE TYPES OF DRILL BITS, USED WITH THE DRILLING MACHINE.

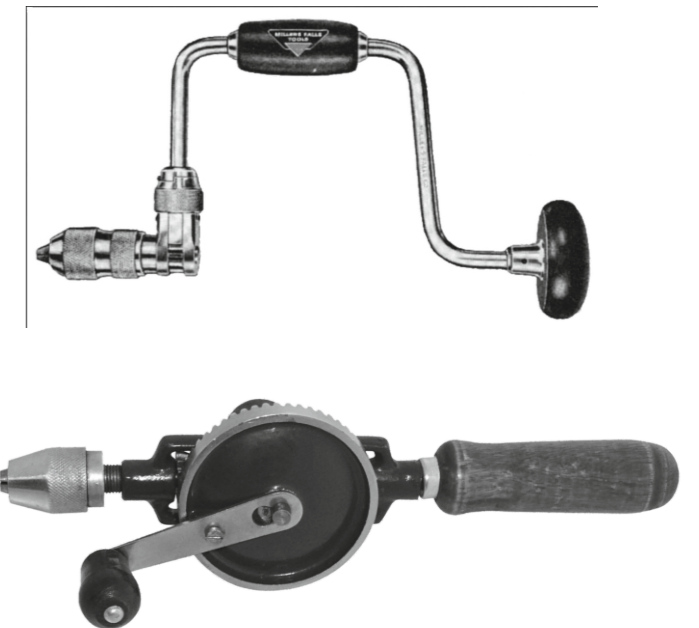
NAME: _____

NAME: _____

NAME: _____

4

LABEL THE PARTS OF THE RACHET BRACE AND HAND DRILL



HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WORKSHOP TOOLS AND EQUIPMENT

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LINK
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**ARE YOU READY?
USE THE MOBILE App!!**

1 DESCRIBE HOW A HAND DRILL IS USED. IF REQUIRED, USE THE DIAGRAM IN THE NEXT BOX FOR REFERENCE.



2 NAME THE 'SAW' SEEN BELOW AND DESCRIBE A TYPICAL PRACTICAL USE.

NAME: _____

3 SKETCH A COPING SAW IN THE SPACE BELOW.

DESCRIBE THE TYPE OF WORK CARRIED OUT, USING THIS SAW.

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WORKSHOP TOOLS AND EQUIPMENT

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

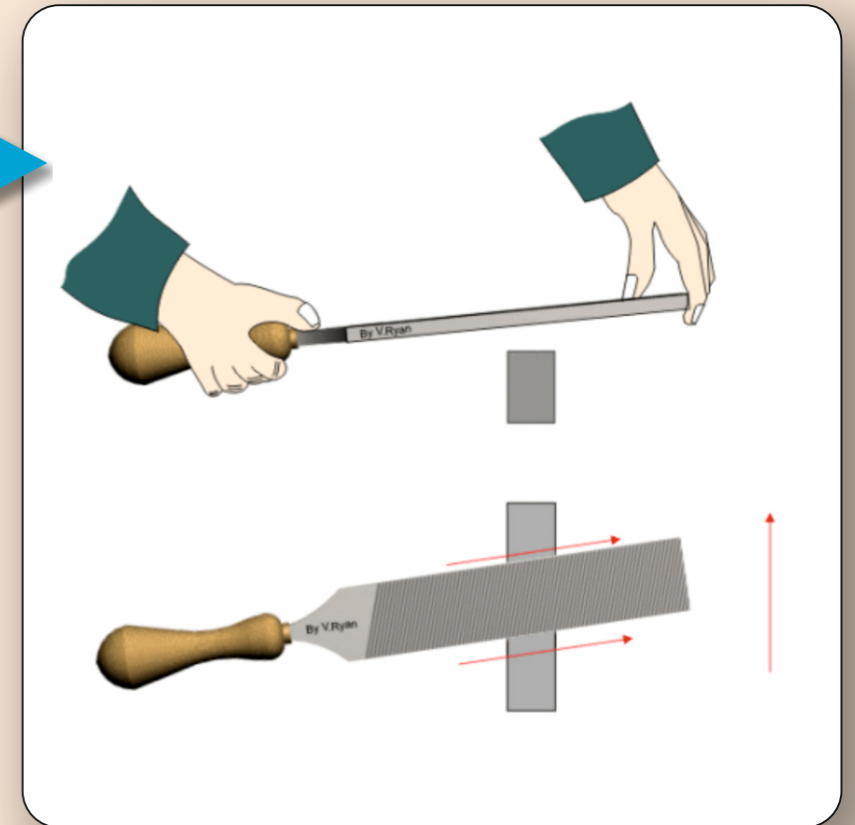
LINK

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Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 DESCRIBE THE TECHNIQUE CALLED 'THROUGH FILING'. USE THE DIAGRAM OPPOSITE FOR REFERENCE. (Using a hand file)

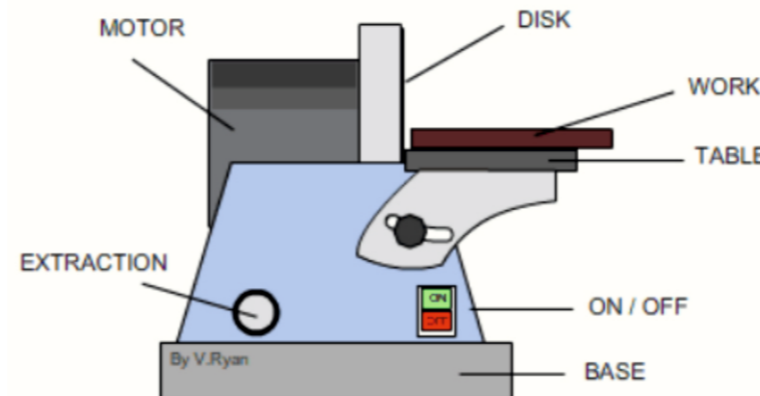


2 'DRAW FILING' FOLLOWS 'THROUGH FILING'. DESCRIBE THIS TECHNIQUE AND INCLUDE A SKETCH.

SKETCH

DESCRIPTION

3 A DISK SANDER IS SHOWN BELOW. ANSWER THE QUESTIONS IN THE NEXT BOX.



WHY IS EXTRACTION REQUIRED FOR THE DISK SANDER?

BRIEFLY, DESCRIBE THE DISK SANDERS COMMON USE IN A WORKSHOP?

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WORKSHOP TOOLS AND EQUIPMENT

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

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**ARE YOU READY?
USE THE MOBILE App!!**

1 HOW DOES A 'SMOOTHING' PLANE DIFFER A THE 'JACK' PLANE?

2 SKETCH A SMOOTHING PLANE, IN THE SPACE BELOW.

3 NAME AND DESCRIBE THE USE OF TWO MORE TYPES OF PLANE.


NAME: _____

USE: _____

NAME: _____

USE: _____

4 SKETCH THE FOLLOWING CHISELS:

| | | |
|---|---|---|
| BEVEL | FIRMER | PARING |
|  | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |

SELECT ONE OF THE CHISELS FROM THE PREVIOUS BOX AND DESCRIBE ITS PURPOSE.

CHISEL: _____

PURPOSE: _____

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



WORKSHOP TOOLS AND EQUIPMENT

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 WHEN IS GLASS PAPER USED?

NAME THREE OTHER SIMILAR ABRASIVE SHEETS.

2 GLASS PAPER IS COMPOSED FOR SEVERAL LAYERS. NAME THE LAYERS

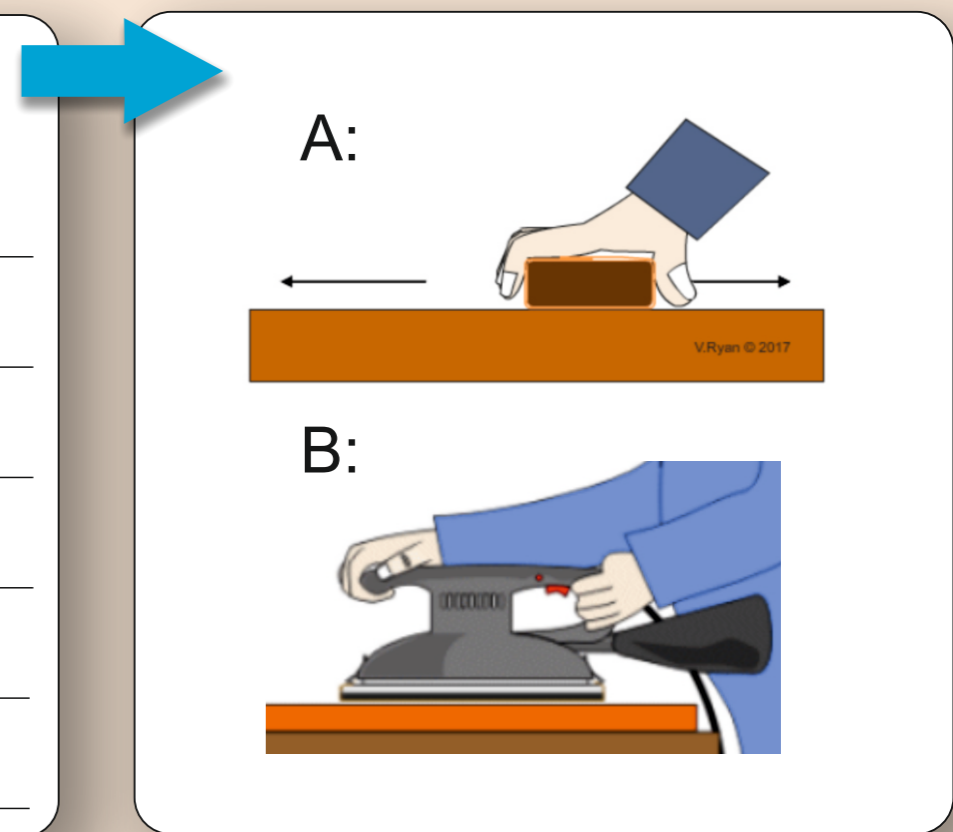
3 COMPLETE THE TABLE BELOW, BY ADDING THE MISSING GRADES, GRIT SIZES AND DENSITIES .

| GRADE | GRIT SIZE | DENSITY |
|--------------|------------|-----------|
| EXTRA COARSE | 60 TO 40 | S.2, 2, 3 |
| | | |
| MEDIUM | 120 TO 180 | |
| FINE | | 2/0, 0, 1 |
| | | |

4 THE SKETCHES IN THE NEXT BOX, SHOW TWO WAYS OF USING GLASS PAPER. EXPLAIN EACH USE.

A:

B:



HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

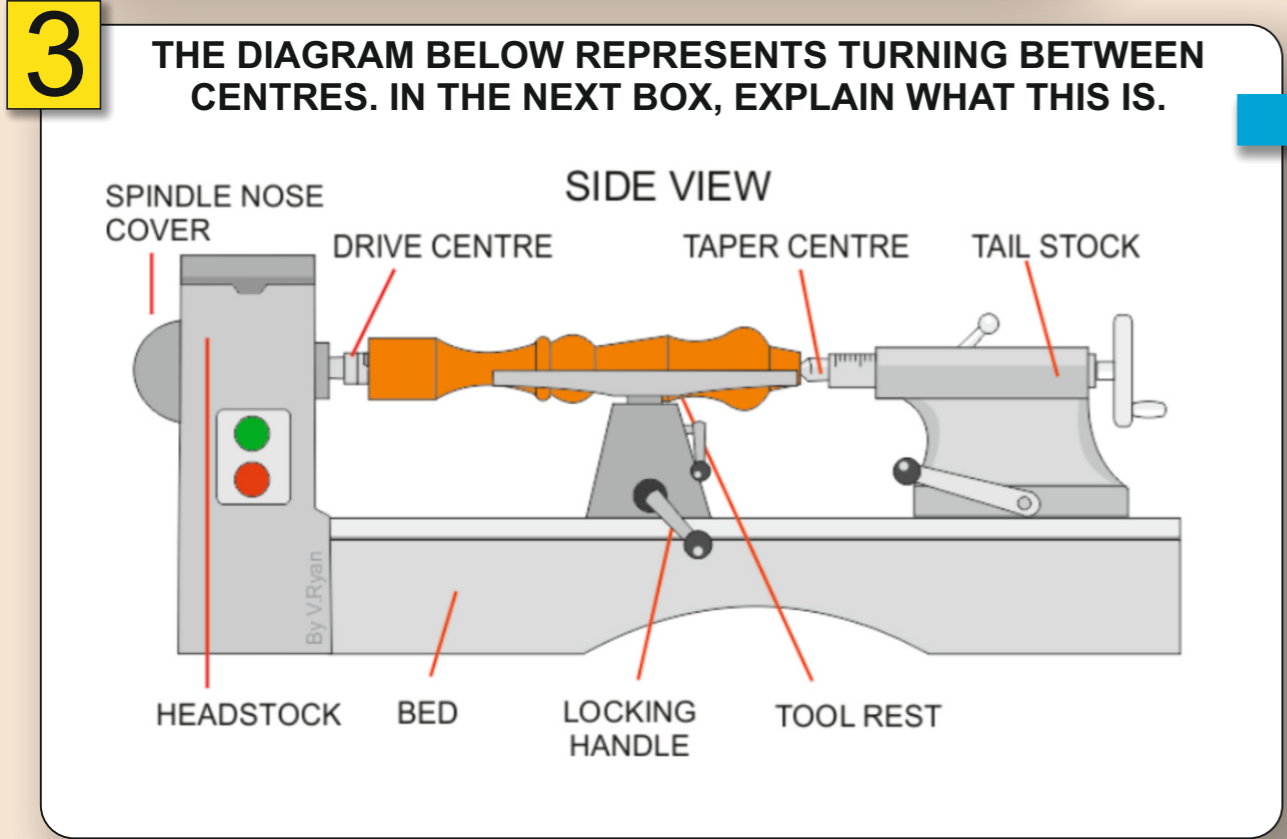
https://www.technologystudent.com/mobapps/processing_woods1.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 NAME SOME OF THE PRODUCTS THAT CAN BE MANUFACTURED ON A WOODWORKING LATHE.

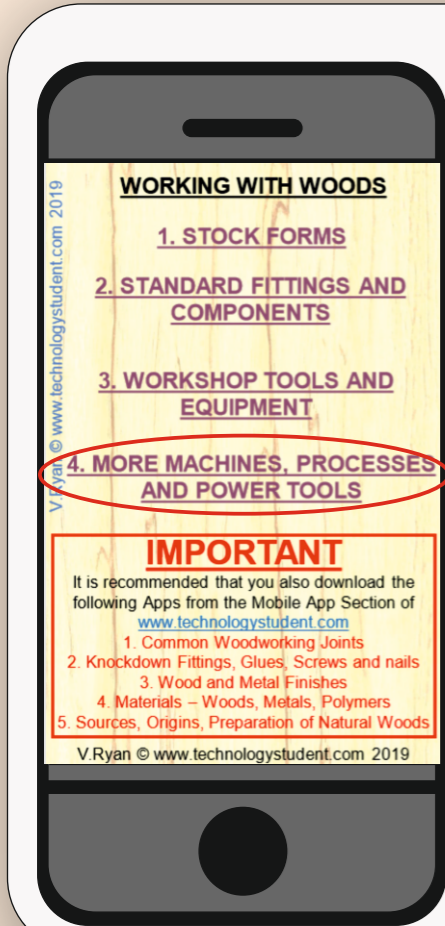
2 SEARCH THE INTERNET FOR PRODUCTS MANUFACTURED THROUGH WOOD TURNING. PASTE TWO IMAGES BELOW.



TURNING BETWEEN CENTRES. YOUR EXPLANATION.

4 NAME AND DESCRIBE A GOUGE AND A CHISEL USED FOR WOOD TURNING.

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

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Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 WHAT IS LAMINATED VENEER?

2 THE FAMOUS 'EAMES LOUNGE CHAIR' HAS LAMINATED PARTS. DRAW OR PASTE A PICTURE OF THE CHAIR BELOW.

3 THE DIAGRAMS BELOW, REPRESENT THE MANUFACTURE OF LAMINATED VENEER. IN THE NEXT BOX, DESCRIBE THE PROCESS.

STEAM IN STEAM FLOWS AROUND VENEERS STEAM OUT

FORMER CONSTRUCTION VENEERS

YOUR DESCRIPTION OF THE PROCESS.

4 WHEN IS A HAND HELD MACHINE PLANE USED IN PREFERENCE TO SMOOTHING OR JACK PLANE?

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

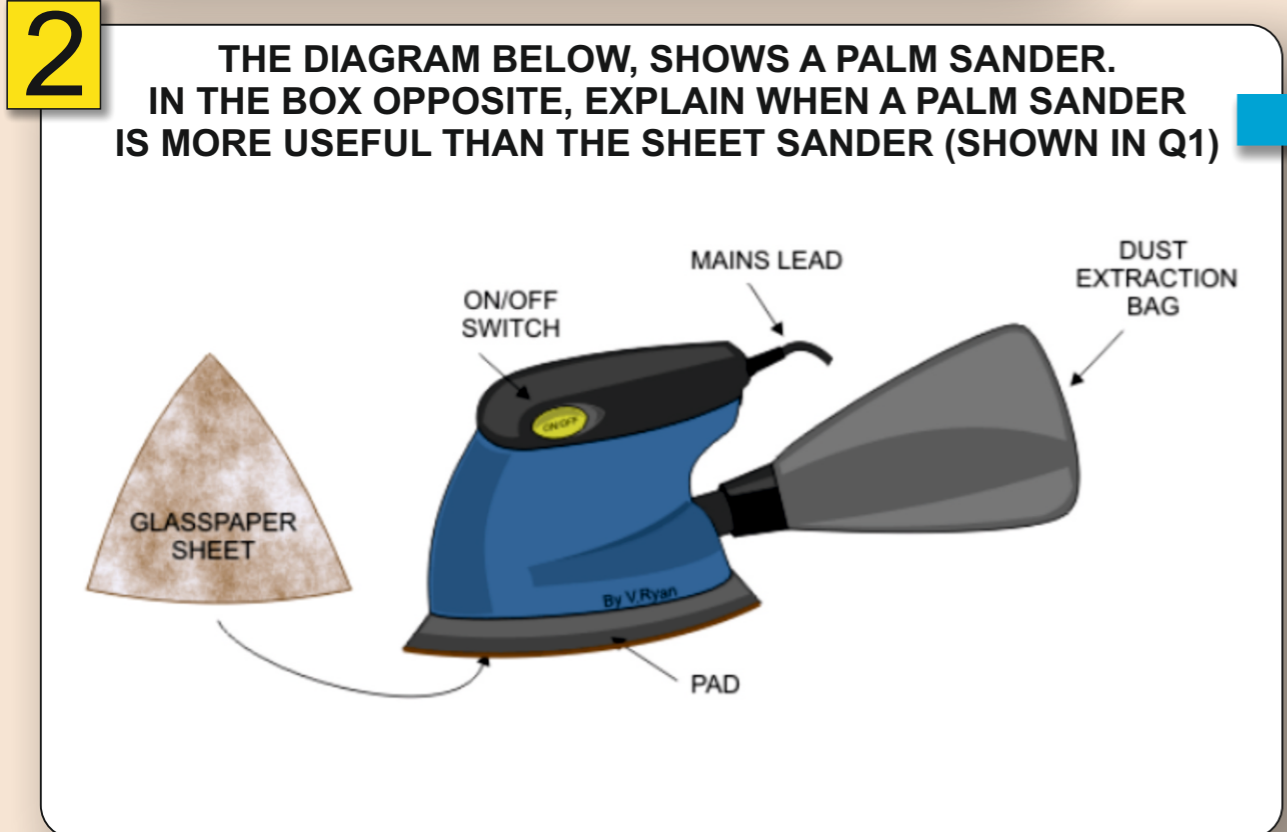
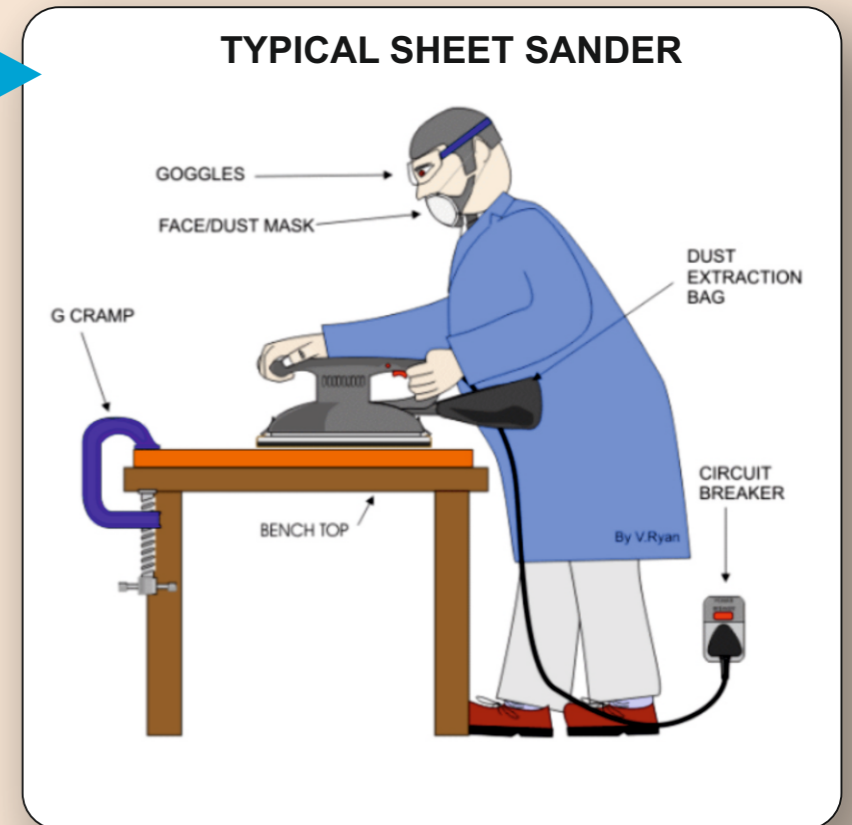
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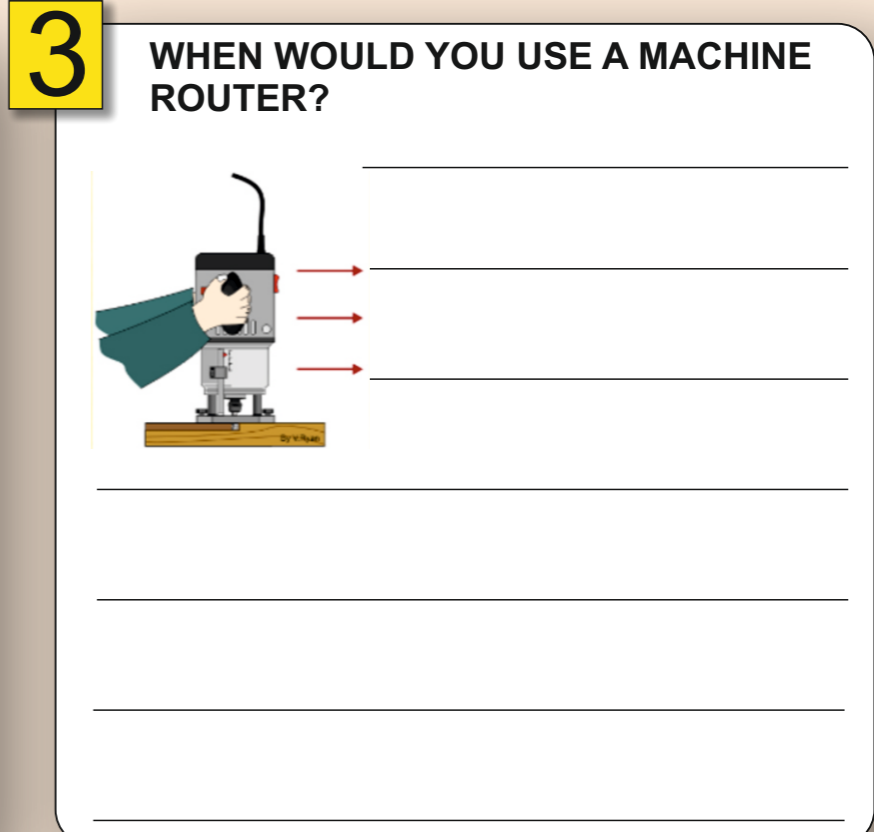
Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 DESCRIBE A SHEET SANDER AND ITS TYPICAL USE (SANDER SHOWN OPPOSITE)



YOUR EXPLANATION - THE PALM SANDER.



HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

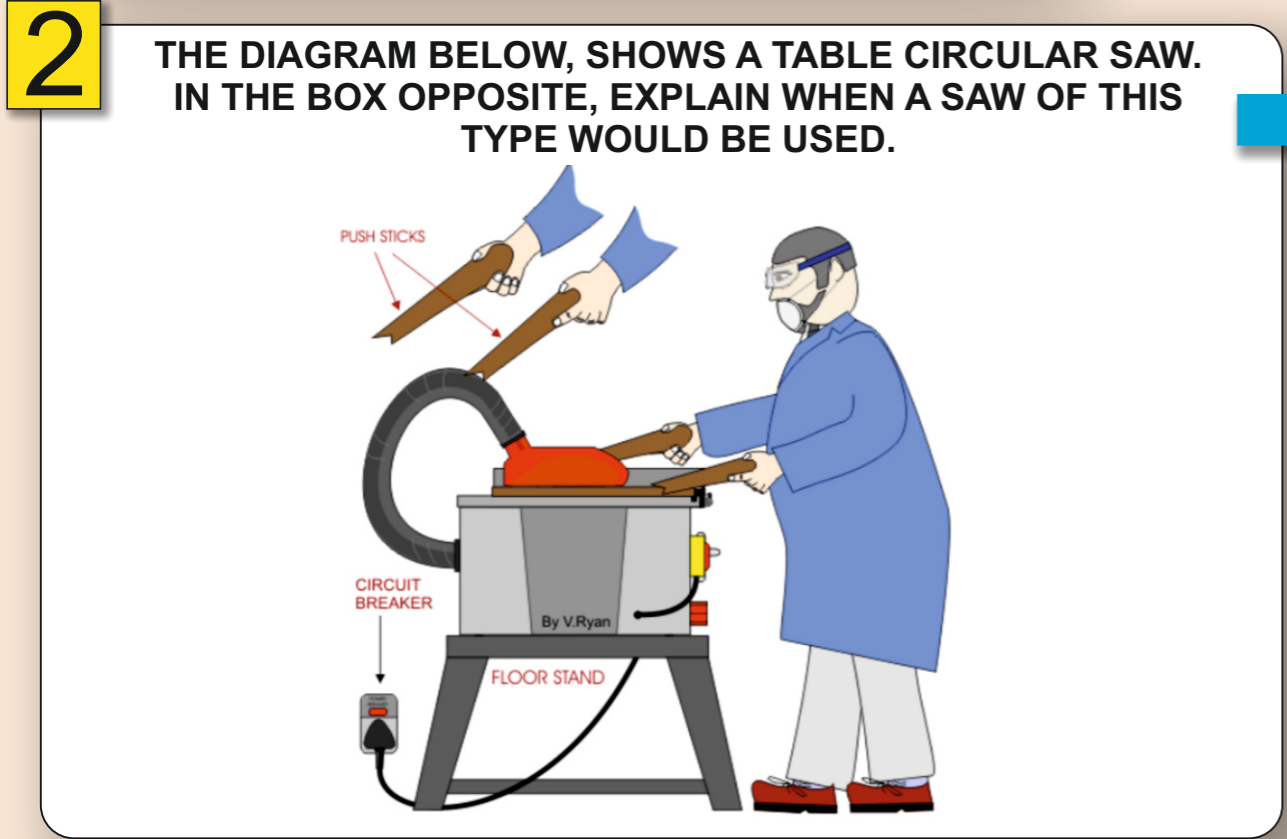
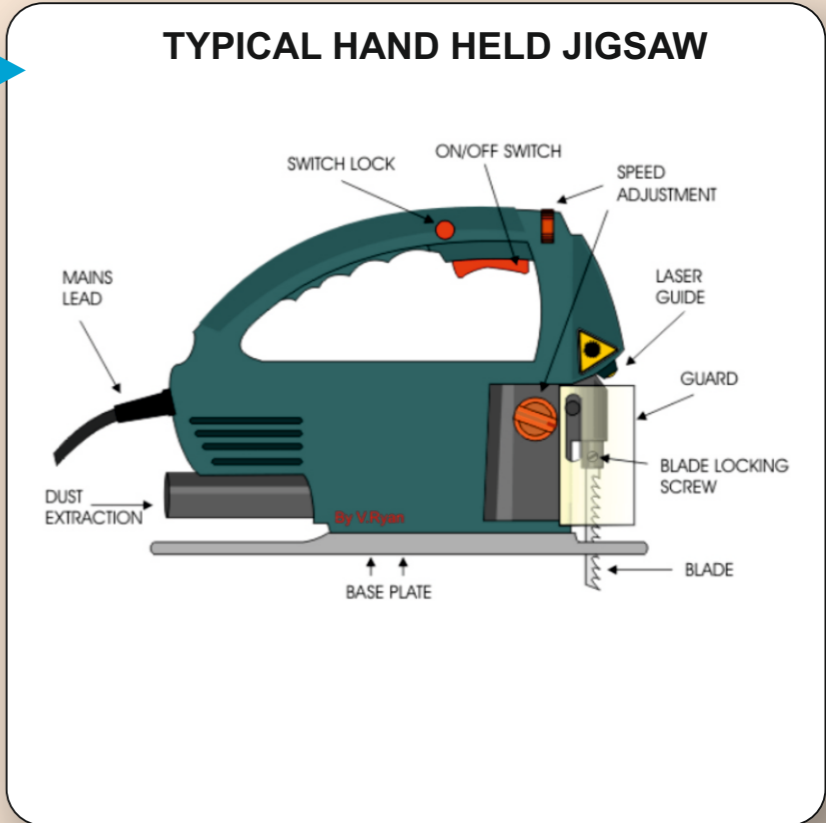
LINK

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Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 DESCRIBE A HAND HELD JIGSAW AND ITS TYPICAL USE. (JIGSAW SHOWN OPPOSITE)



YOUR EXPLANATION - THE CIRCULAR SAW.

3 LIST SAFETY FACTORS RELATED TO THE USE OF TABLE CIRCULAR SAWS.

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

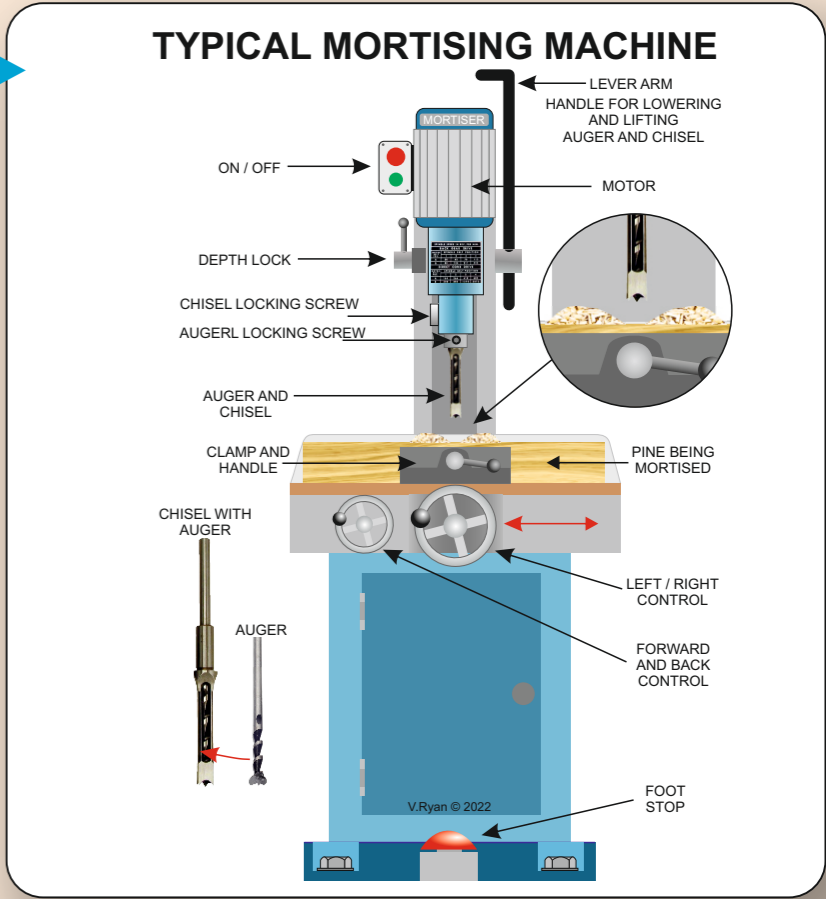
LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

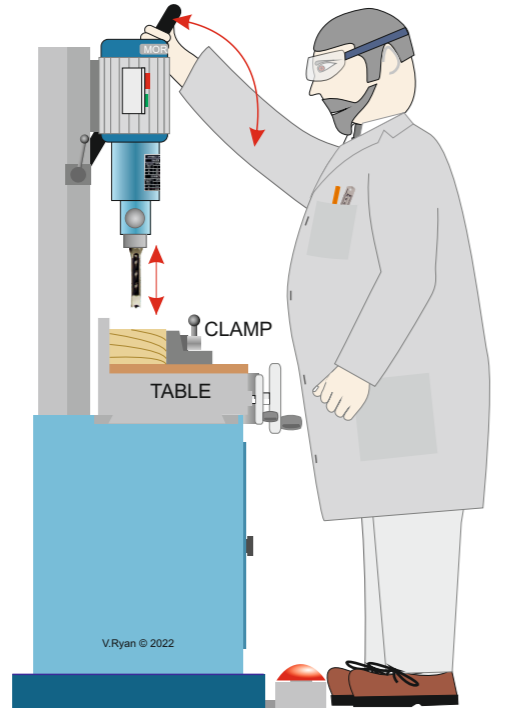
Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 WHAT IS THE FUNCTION OF A MORTISING MACHINE? (SEEN OPPOSITE)



2 EXPLAIN THE USE OF THE MORTISING MACHINE, WITH REFERENCE TO THE DIAGRAM BELOW.



YOUR EXPLANATION

3 WHAT IS MEANT BY 'CLEARANCE', BETWEEN THE AUGER AND THE HOLLOW CHISEL?

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



MORE MACHINES, PROCESSES AND POWER TOOLS

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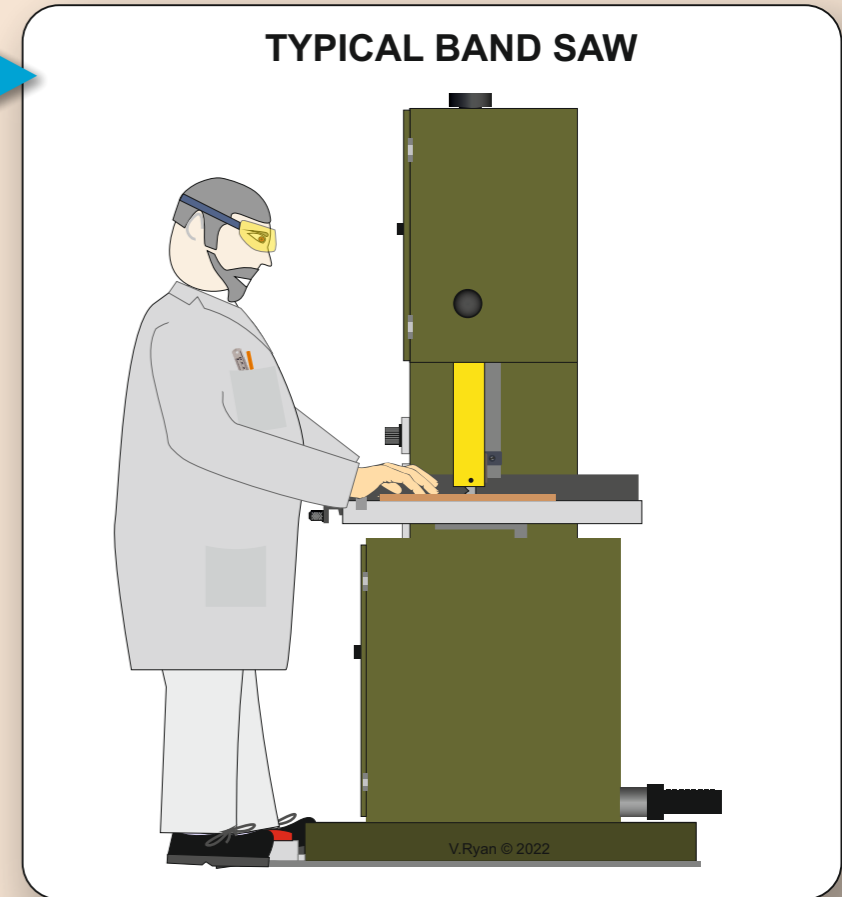
LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

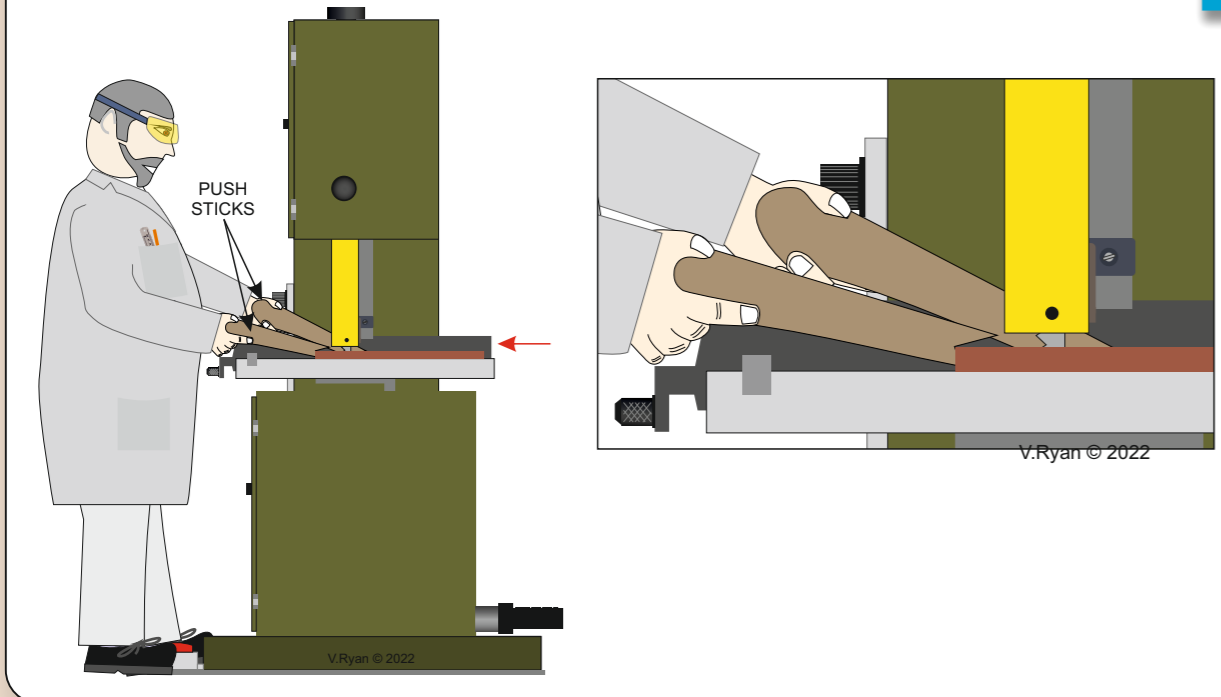
Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 WHAT IS THE FUNCTION OF A BAND SAW?
(SEEN OPPOSITE)



2 EXPLAIN THE USE OF THE BAND SAW, WITH REFERENCE TO THE DIAGRAM BELOW.



YOUR EXPLANATION

3 IN THE SPACE BELOW, PASTE AN IMAGE OF A BENCH TOP BAND SAW

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf

THE SURFORM

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

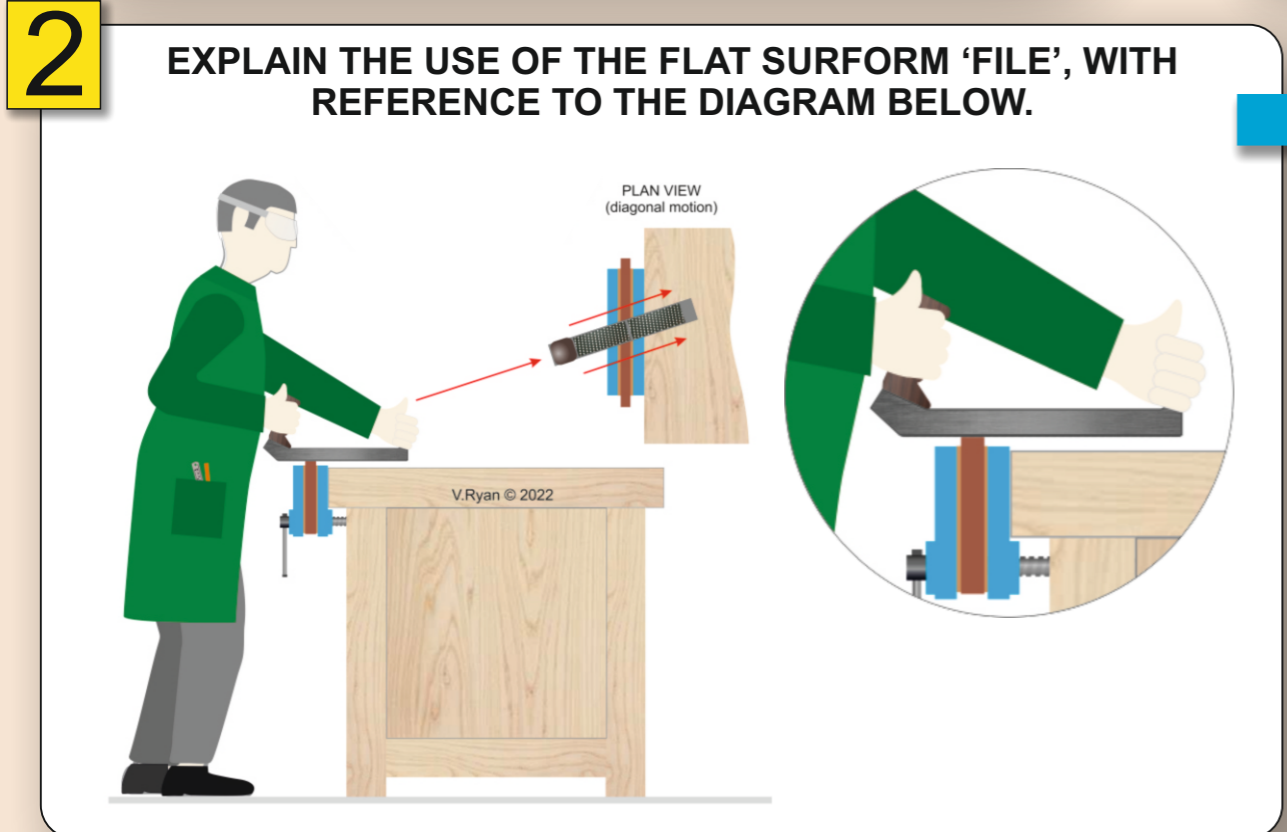
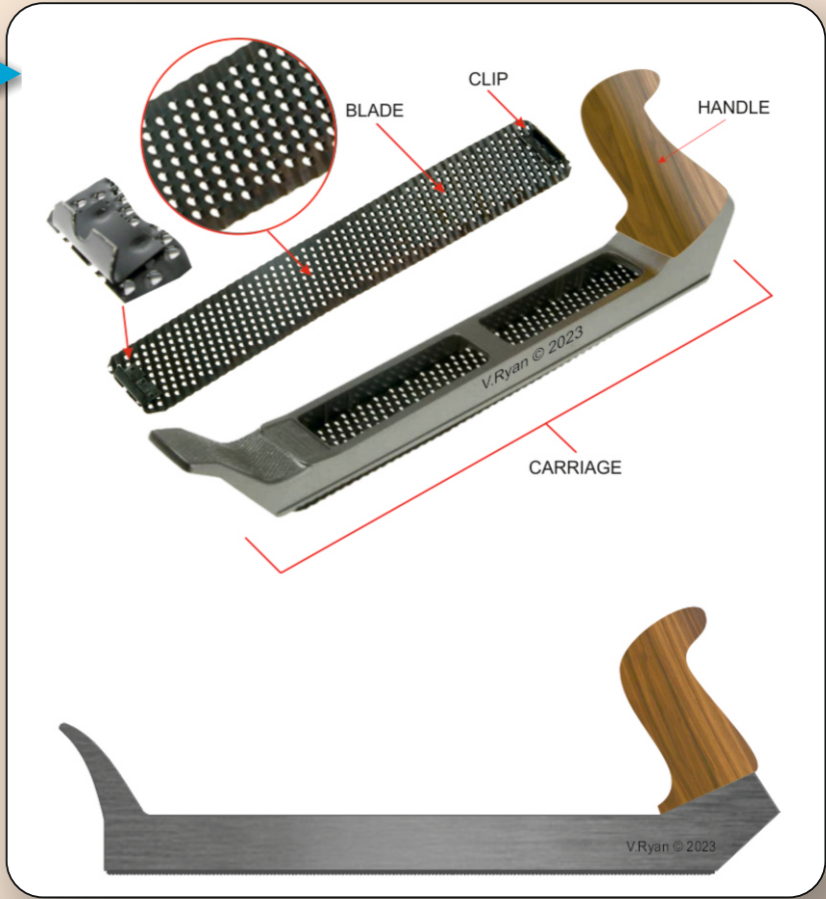
LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

1 WHAT IS THE FLAT SURFORM 'FILE'? (SEEN OPPOSITE)



YOUR EXPLANATION

3 IN THE SPACE BELOW, PASTE AN IMAGE OF A SURFORM ROUND 'FILE'

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf



THE SPOKESHAVE

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'WORKING WITH WOODS / TIMBER' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

https://www.technologystudent.com/mobapps/processing_woods1.pdf

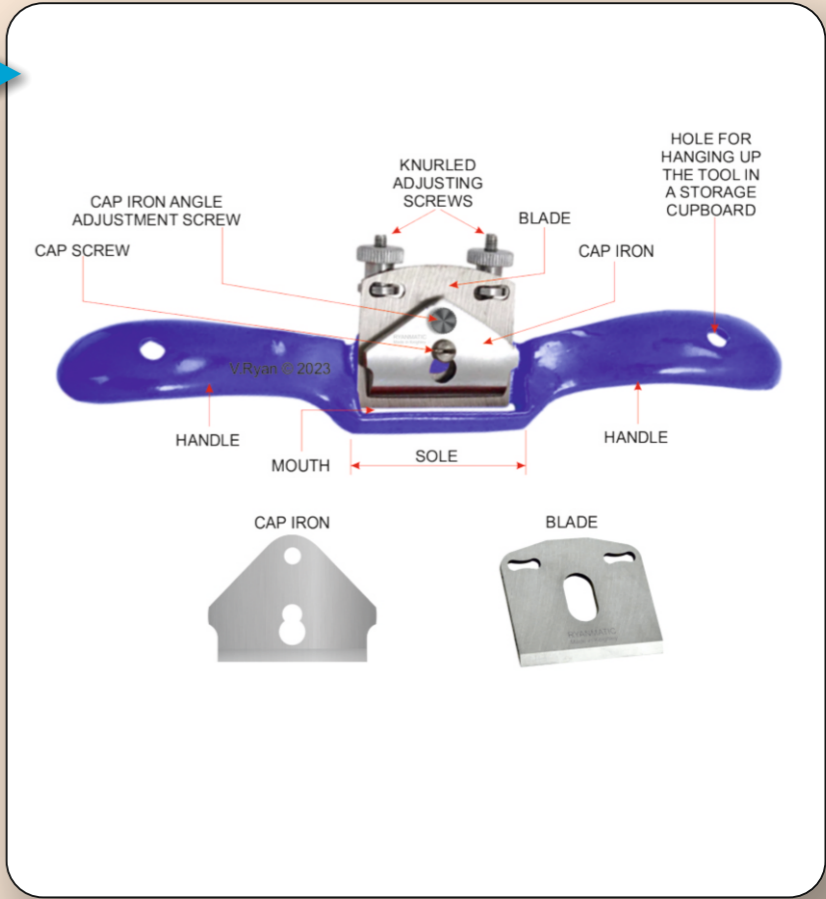
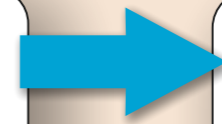
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**ARE YOU READY?
USE THE MOBILE App!!**



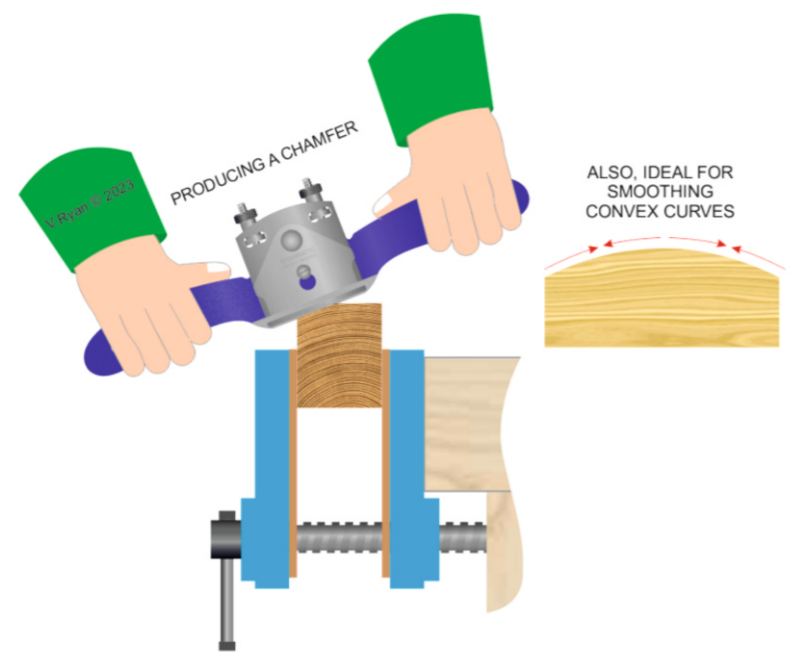
1

**WHAT IS A SPOKESHAVE?
(SEEN OPPOSITE)**



2

EXPLAIN THE USE OF THE SPOKESHAVE, WITH REFERENCE TO THE DIAGRAM BELOW.



YOUR EXPLANATION

3

IN THE SPACE BELOW, PASTE AN IMAGE OF A CURVED SOLE SPOKESHAVE

HELPFUL LINK: https://www.technologystudent.com/mobapps/processing_woods1.pdf