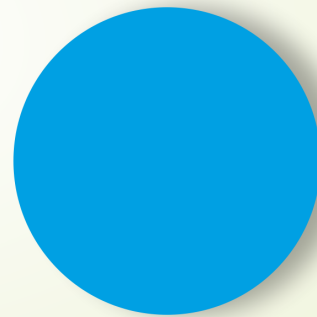# JEWELLERY MANUFACTURE - TOOLS AND TECHNIQUES
PART THREE

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE " JEWELLERY AND SILVERSMITHING -3" APP, FROM THE INTERACTIVE MOBILE APP SECTION OF
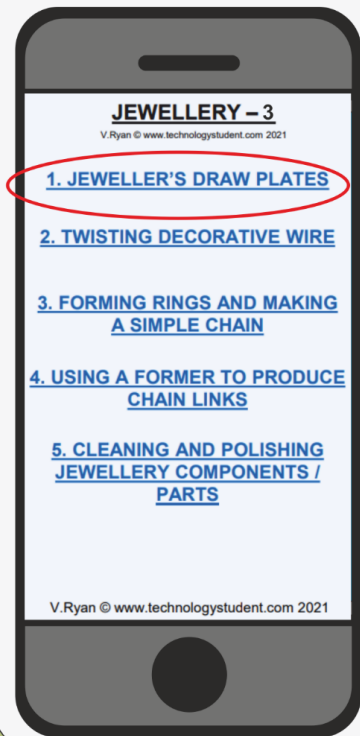www.technologystudent.com

**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.

JEWELLERY – 3
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1. JEWELLER'S DRAW PLATES

2. TWISTING DECORATIVE WIRE

3. FORMING RINGS AND MAKING A SIMPLE CHAIN

4. USING A FORMER TO PRODUCE CHAIN LINKS

5. CLEANING AND POLISHING JEWELLERY COMPONENTS / PARTS

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JEWELLER' DRAW PLATES

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LINK

https://technologystudent.com/mobapps/jewellery3.pdf

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**ARE YOU READY?
USE THE MOBILE App!!**
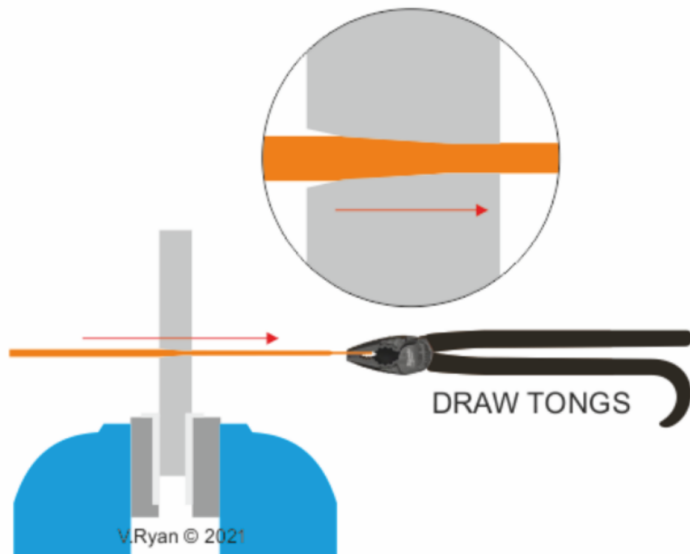
1 WHAT IS THE FUNCTION OF JEWELLER'S DRAW PLATES?

SKETCH OR ADD AN IMAGE OF JEWELLER'S DRAW PLATES.

2 THE IMAGE BELOW SHOWS THE USE OF JEWELLER'S DRAW PLATES. WRITE AN EXPLANATION OF THIS PROCEDURE, IN THE BOX OPPOSITE

DRAW TONGS

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YOUR DESCRIPTION OF USING JEWELLER'S DRAW PLATES.

3 THE JEWELLER'S ROLLING MILL SOMETIMES PLAYS A ROLE, WHEN DRAWING METAL. WHAT IS IT?

HELPFUL LINK: https://technologystudent.com/mobapps/jewellery3.pdf

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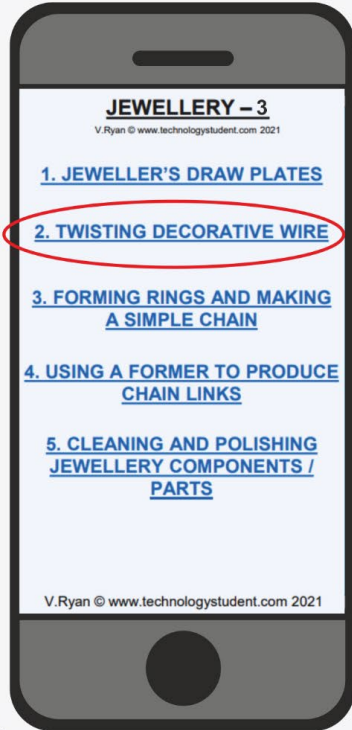**5. CLEANING AND POLISHING JEWELLERY COMPONENTS / PARTS**

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TWISTING DECORATIVE WIRE

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'JEWELLERY AND SILVERSMITHING -3' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

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ARE YOU READY? USE THE MOBILE App!!

1 DESCRIBE THE PROCESS OF TWISTING DECORATIVE WIRE, AS SHOWN BY THE IMAGES IN THE BOX OPPOSITE.

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TWISTING DECORATIVE WIRE

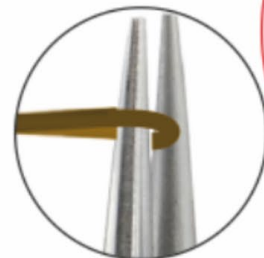**2** ANOTHER TECHNIQUE FOR TWISTING DECORATIVE WIRE IS SHOWN BELOW. DESCRIBE THIS TECHNIQUE, IN THE BOX OPPOSITE.

FLAT NOSE PLIERS

SLIM NOSE PLIERS

AFTER

YOUR DESCRIPTION OF THIS TECHNIQUE

_____
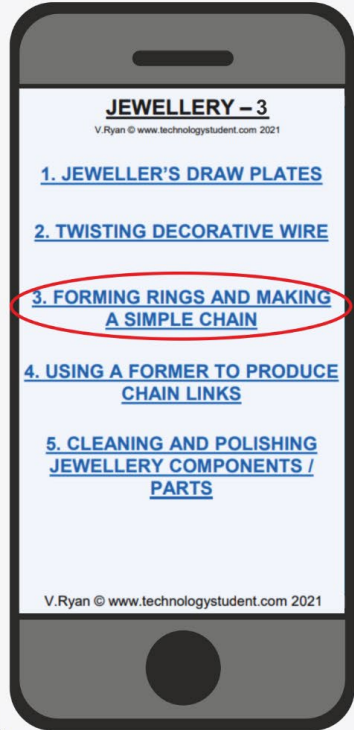
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HELPFUL LINK: https://technologystudent.com/mobapps/jewellery3.pdf

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FORMING RINGS AND CHAIN

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ARE YOU READY? USE THE MOBILE App!!

1 DESCRIBE THE ROLL OF STEPPED PLIERS IN MAKING A SIMPLE CHAIN?
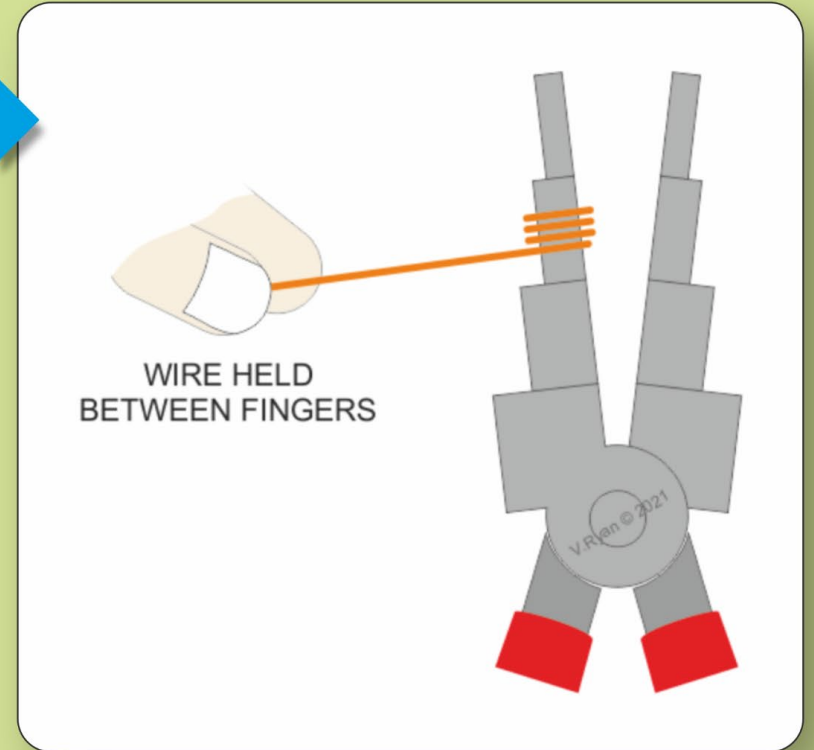Make reference to the diagram shown opposite

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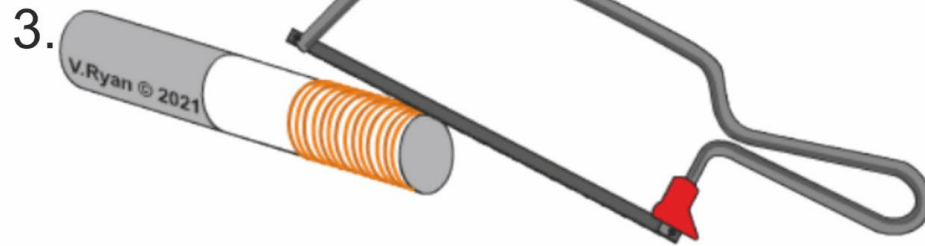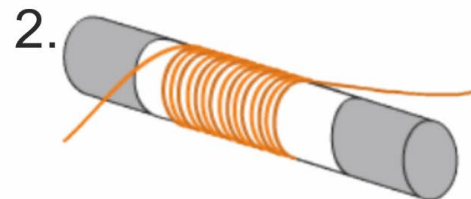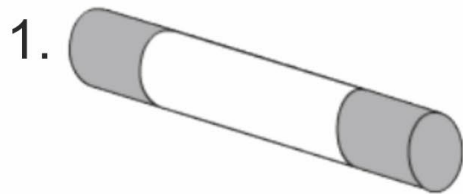_____

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WIRE HELD BETWEEN FINGERS

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2 AN ALTERNATIVE WAY OF MAKING LINKS / RINGS FOR A CHAIN IS SHOWN BELOW. DESCRIBE EACH STAGE IN THE BOX OPPOSITE.

1.

2.

3. V.Ryan © 2021

1. _____

2. _____

3. _____

HELPFUL LINK: https://technologystudent.com/mobapps/jewellery3.pdf

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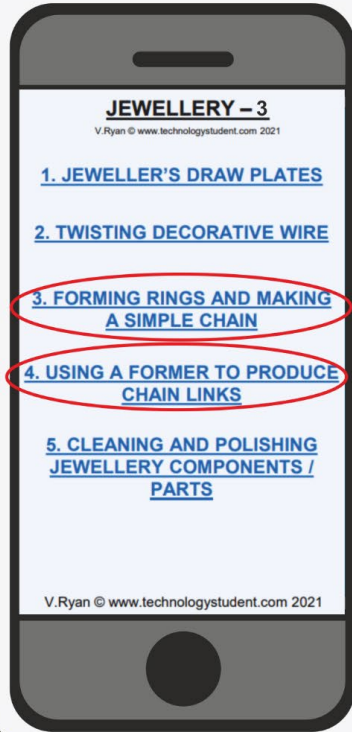**5. CLEANING AND POLISHING JEWELLERY COMPONENTS / PARTS**

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FORMING RINGS AND CHAIN

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LINK

https://technologystudent.com/mobapps/jewellery3.pdf

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ARE YOU READY? USE THE MOBILE App!!

1 WITH THE AID OF A SKETCH / IMAGE, DESCRIBE HOW LINKS / RINGS ARE SOLDERED TO FORM A CHAIN.
Place your sketch / image in the opposite box

_____

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2 HOW IS THE FORMER SHOWN BELOW, USED TO MAKE CHAIN LINKS?

ENLARGED VIEW OF FORMER

V.Ryan © 2021

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3 DESCRIBE HOW A NUMBER OF LINKS / RINGS ARE JOINED TO FORM A CHAIN.

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HELPFUL LINK: https://technologystudent.com/mobapps/jewellery3.pdf

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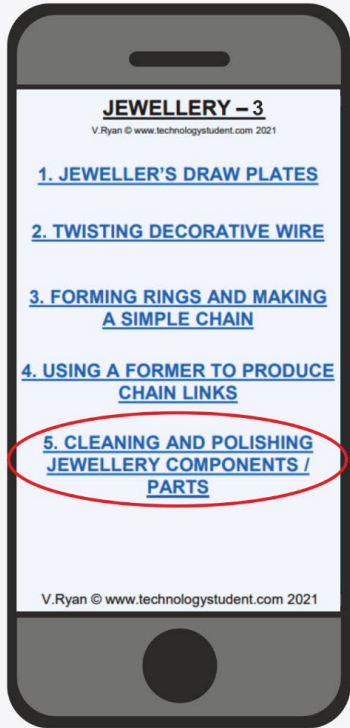5. CLEANING AND POLISHING JEWELLERY COMPONENTS / PARTS

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CLEANING AND POLISHING

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'JEWELLERY AND SILVERSMITHING -3' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

https://technologystudent.com/mobapps/jewellery3.pdf

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ARE YOU READY? USE THE MOBILE App!!

1 DESCRIBE A TYPICAL 'BUFF' STICK.
Place a sketch / image in the opposite box

2 EXPLAIN THE USE OF THIS BUFF STICK.
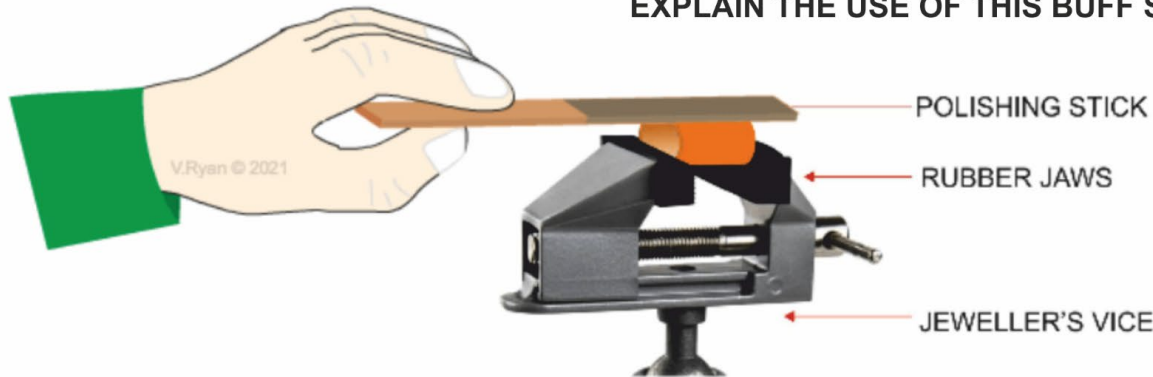

POLISHING STICK
RUBBER JAWS
JEWELLER'S VICE

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3 HOW CAN A PENDANT DRILL BE USED TO POLISH METALS?

HELPFUL LINK: https://technologystudent.com/mobapps/jewellery3.pdf