

eModule Jewelry making SAFE USE OF TOOLS module 3

with Carl Noonan

1. Scene 1

1.1 Title slide

Title slide

1.2 Introduction

eModule Jewelry making SAFE USE OF TOOLS module 3

with Carl Noonan

Contemporary jewellery artist and Visual Arts teacher Carl Noonan, guides you through safe practices for Jewellery making including setting up a work table, using a Jewellery Saw, Filing, Soldering and Hammering and Finishing. <http://carlnoonan.com.au>

Australian Professional Teaching Standards 6.4.2 & 6.4.4

For more information about The Arts Units visual arts programs for students and teachers go to:

<https://www.artsunit.nsw.edu.au/visual-arts>

1.3 Points and tips

Points and tips on navigating Learning Hub content

Always use the *prev* and *next* buttons to move through the eModule, except on question pages.

When you answer a question correctly you will be prompted to click on the *continue* button.

You must select correct answers to move forward and progress through the module.

On some Learning Hub content, the *next* and *back* buttons may be temporarily disabled on video slides for the duration of the footage.

You can use the drop down *menu* found in the top right hand corner of the module to gain quick access to a particular slides and video.

To complete the eModule and have it added to your activity record, you must progress through it slide by slide, watch all video footage and answer all questions correctly.

Resources to accompany this eModule are found on this Learning Hub web page, outside and below the module via the GREEN BUTTON, bottom right of the screen, labelled **Download Resources**

1.4 Sizing and annealing

Sizing and annealing

1.5 Video 1 - Sizing and annealing

Video slide

1.6 In Australia we use a ring size scale that is :

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	Numerical 1-10 with 1 being the smallest
	Alphabetical from A- Z with A being the smallest
	Numerical from 1-100 with 1 being the smallest

1.7 There are two different ring sizers. If you're making a wide ring, you need to use a wide ring sizer, and if you're making a narrow ring, you need to use a narrow ring sizer.

(True/False, 10 points, 2 attempts permitted)

Correct	Choice
	True
	False

1.8 The correct formula to use when selecting the correct length of metal for a ring is

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	The internal circumference plus the thickness of the metal
	The internal circumference minus 3.14
	The internal circumference times two
	The internal circumference plus 2 times the thickness of the metal

1.9 The most dangerous time when annealing is when

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	The torch is off and the metal is still hot
	The torch is being lit
	The torch is heating the piece

1.10 Soldering

Soldering

1.11 Video 2 - Soldering

Video slide

1.12 What is the correct way to use half round pliers?

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	With the round section on the inside
	With the square section on the inside
	With the round section on the outside

1.13 Which of these statements is incorrect?

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	Solder flows on clean surfaces
	Solder away from heat
	Solder is made of a mixture of silver and zinc
	Solder should be placed above the join because gravity will cause it to fall into the join

1.14 What material or tool prevents the metal from oxidising so that the solder can make a good join?

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	The heat proof matt
	The flux
	The tweezers
	Emery Paper

1.15 Hammering and finishing

Hammering and finishing

1.16 Video 3 - Hammering and finishing

Video slide

1.17 Tip

TIP

After soldering and when the ring has cooled down, check the inside of the join. If you can see solder, then it is a good join.

1.18 When hammering your ring on a ring mandrel which of the following statements is correct?

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	Hold the mandrel close to the ring but not so close that you might hit your hand
	Hold the rawhide mallet with your elbow high and hit away from your body
	Make sure the ring mandrel is vertical when you are hitting it
	All of the above

1.19 When hammering the ring into shape on the mandrel, it is important to:

(Multiple Choice, 10 points, 4 attempts permitted)

Correct	Choice
	Hit the ring hard
	Hit the ring down the mandrel
	Flip the ring over half way through the process
	Roll the mandrel

1.20 Jeweller's saw tips

TIP - Re-enforce to students

The width of a ring will affect its sizing

If you can see solder on the join, then it is a good join

The most dangerous time is when the torch is turned off, and the metal is still hot

1.21 Results Slide

(Results Slide, 0 points, 1 attempt permitted)

