



## Sample unit plan

This resource was developed as part of a Wood Technology webinar which aired on the 1st of April 2019. All materials used during this webinar can be viewed in the Technologies section of [www.jct.ie](http://www.jct.ie) within the CPD Workshops tile.

Webinar Link: [https://www.jct.ie/technologies/cpd\\_supports\\_wood\\_technology\\_elective\\_workshops](https://www.jct.ie/technologies/cpd_supports_wood_technology_elective_workshops)

Webinar Title:

*“Engaging with the Wood Technology Specification”.*

This webinar will build on the experience during the CPD workshops and will support and further develop your understanding of planning using learning outcomes. The webinar will focus on planning a unit of learning for incoming first years in term one of 2019/20. During this webinar attendees will experience:

- The planning associated with a unit of learning
- Samples of student work
- Teacher testimonial outlining their own reflections on the classroom activities

### Included in this PDF:

The sample unit of learning plan developed by the teacher. Throughout the webinar this plan is developed to emulate the planning process that the teacher went through when developing the unit.



A big thank you to the teacher involved for making this resource available to the Jct4 team

**Note:** It is recommended that you watch the webinar in conjunction with using this resource to contextualise the resource and make a better connection between how the plan was developed.

Consider the age, stage and prior learning of the students.

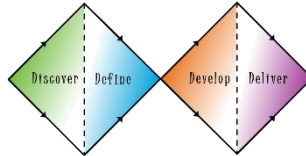
What learning do we want to focus on?

Explore both the strands and elements when choosing learning outcomes.

Identify the learning outcomes for your unit of learning.

Identify the key learning for students using action verbs to support your thinking.

Consider how we will assess student learning.



Develop ideas for how students could experience this learning.

How will I know they are learning?

Using your own classroom context, what methodologies and resources will support students in experiencing the learning outcomes.

Ensure assessment aligns with the learning outcomes and their action verbs

**AGE/STAGE**

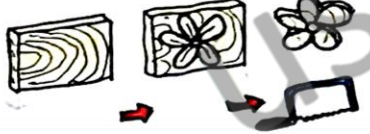
OCTOBER FIRST YEAR

**PRIOR LEARNING / Knowledge**

- HEALTH & SAFETY in the work shop
- TASTER MODULE EXERCISE INVOLVING BASIC PROCESSING skills & SHAPING WORK using the Coping SAW.
- CREATED A LIST OF PRACTICES to make our classroom more sustainable with the students.

**LEARNING TO FOCUS ON**

- Design Thinking
- Considerations when selecting materials
- Decorative SHAPING of wood.



**LEARNING OUTCOMES KEY LEARNING & ASSESSMENT**

**2.6 + 2.10** - LEARN TO COMMUNICATE their IDEAS through SKETCHES.

UNDERSTAND APPROPRIATE USES OF TEMPLATES and USE ONE to MARK OUT their WORK.

**3.7 + 2.14** - LEARN ABOUT the PROPERTIES of Solid wood & some MANUFACTURED BOARDS.

LEARN HOW TO MAKE EFFECTIVE USE OF the SURFACE AREA OF A PIECE OF MATERIAL in ORDER to MINIMISE WASTE.

**1.7 + 1.9** - LEARN how to BREAK A DESIGN Problem down.

How to LINK CRAFT skills to A DESIGN & REALISATION TASK.

will LEARN ABOUT and be ABLE to explain the function & Applications of one tool they USE for cutting CURVES.

**ASSESSMENT**

- Design & REALISE An ARTEFACT
- Carry out A RESEARCH/ INVESTIGATION EXERCISE
- WRITTEN REFLECTIVE TASK
- TEACHER OBSERVATION + ONGOING FEEDBACK.

**How could STUDENTS EXPERIENCE this Learning? How will I know they ARE Learning?**

**1.9 + 2.6** - SET A DESIGN & REALISATION TASK which involves DECORATIVE SHAPING using the Coping SAW / SCROLL SAW / BANDSAW

- Options:
- KEY Ring
  - DOOR SIGN
  - COASTER
  - AN EMOJI
  - PENCIL HOLDER
- Given A WRITTEN BRIEF OR USE Stimulus MATERIAL.

**1.7** Options: - CREATE A Poster - Sketch in Copy with NOTES - ORAL PRESENTATION.

**2.6 + 2.10** - Decide on PROJECT TYPE SKETCH OUT possible SOLUTIONS / USE AN IMAGE

DEVELOP A TEMPLATE using THE FINAL SOLUTION. Options: - SET PROJECT eg DOOR SIGN

USE OF grid PAPER - STUDENTS choose their own TYPE of PROJECT from LIST.

FRANCH CURVES - TEMPLATE - TRANSFER with CARBON PAPER

PRINT AN IMAGE - USE FOOTPRINT OF MATERIAL to GIVE PROPORTION. - CUT OUT and TRACE ON.

**3.7 + 2.14** - INVESTIGATE & RESEARCH PROPERTIES of wood through EXPERIMENTATION on a number of SAMPLES of Solid wood & MANUFACTURED BOARDS. Consider the SIZE of their DESIGN in RELATION to the MATERIAL AVAILABLE.

Options: - TEST MATERIALS - ONLINE / BOOK RESEARCH - CLASS DISCUSSION

**How will this LOOK in my CLASSROOM?**

**2.6 + 1.9 + 2.10** - using only the MATERIAL made AVAILABLE to you, DESIGN AND REALISE A DECORATIVE ARTEFACT of your choice. IT MUST BE PROCESSED using the Coping SAW. You must DEVISE your own TEMPLATE for use.

This will BE STIMULUS BASED for IDEA GENERATION.

**1.7** - CREATE AN Annotated SKETCH of the Coping SAW explaining its FEATURES.

**3.7 + 2.14** - TEST SAMPLES of the MATERIAL AVAILABLE using the Coping SAW.

Complete OBSERVATION SHEET:

- Consider the SIZE of their design in RELATION to the MATERIALS AVAILABLE
- must give two REASONS to justify their chosen MATERIAL based on the PROPERTIES of the MATERIAL & MINIMISATION of WASTE.

\* A worksheet will be designed to SUPPORT the design & RESEARCH ELEMENT of the TASK \*

**ASSESSMENT**

- completion of worksheet
- TEST PIECES
- DESIGN IDEA SKETCHES / TEMPLATE
- ONGOING OBSERVATION + FEEDBACK DURING REALISATION
- THE FINISHED ARTEFACT
- STUDENT REFLECTION

