

National Learning Network

Think *Possible*

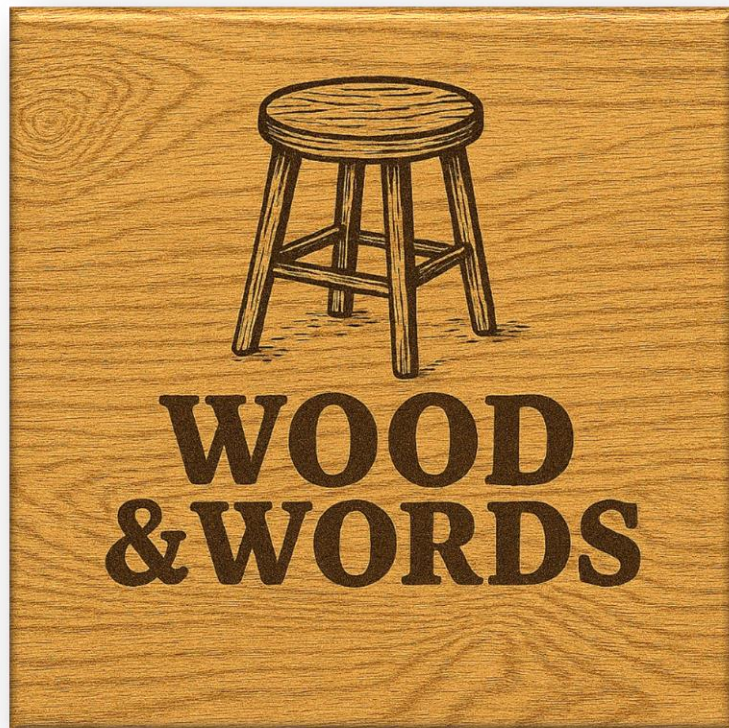


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Welcome to the Wood & Words Programme! Learn by building, creating, and working together.

We're excited to have you join the Wood & Words Programme—a fun and hands-on course made just for students like you who want to learn how to make furniture and build useful literacy, numeracy & digital skills.

This programme is not just about using tools and making things. It's also about helping you feel more confident, creative, and ready to use reading, writing, and maths in real life.



What You'll Will Be Doing!

Feel Welcome and Supported: Everyone learns in different ways, and that's okay! We'll make sure you feel safe, included, and encouraged.

Make Furniture: Start by putting together some furniture in the centre. Then, you'll get to build more at the Common Knowledge Centre in Kilfenora.

Use Reading, Writing, and Maths skills: You'll learn how to measure things, read instructions, plan your work, and talk about your ideas—all while making cool furniture.

Learn Digital Skills: You'll take a short online course using Canva to make a photo collage showing your furniture-making journey.

Grow and Work as a Team: You'll work with other students, share ideas, and support each other as you learn and build together.

PLAN

So, What's the Plan?

Over the next 6 weeks, you'll take part in a fun and practical course that helps you build your reading, writing, maths, and computer skills.

During these weeks you will be tasked with completing this Wood & Words Makers Skills Pack with support from you NLN instructor and you will be invited to attend a 3-day Furniture Making Workshop at the Common Knowledge Centre in Kilfenora, County Clare. These dates are September 11th, 18th, and 24th!

Whether you've never worked with wood before or already know a little, this course is made to help you learn at your own speed. You'll get lots of help and support along the way.



Let's build something amazing—together!

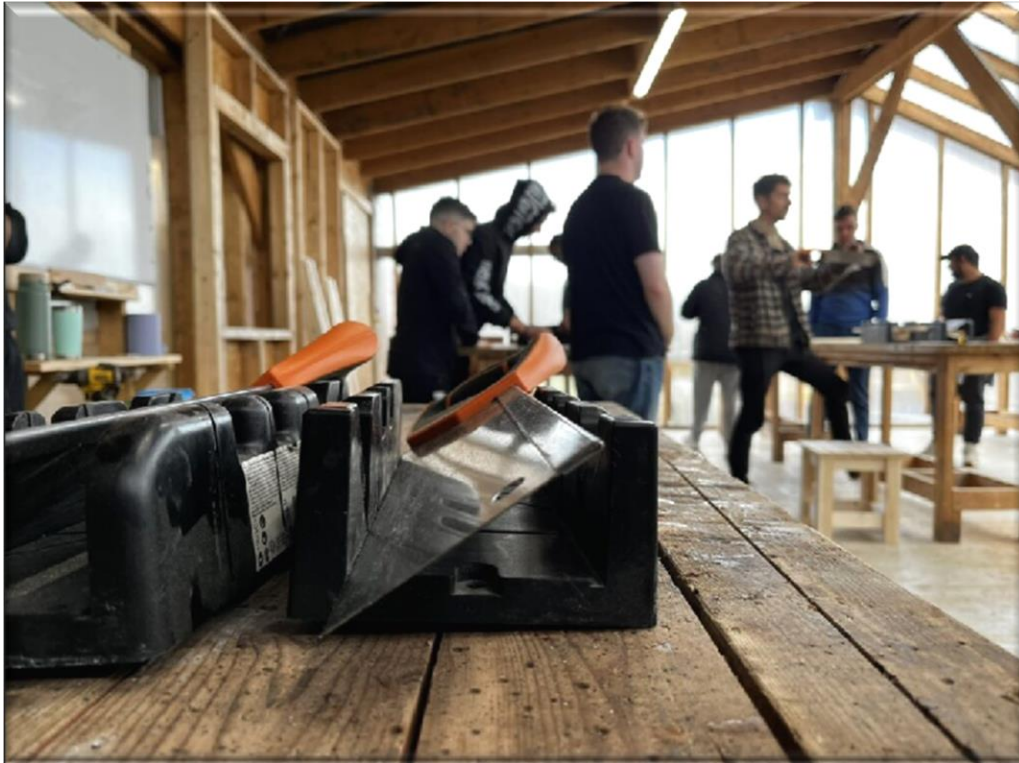
The Common Knowledge Centre in Kilfenora, County Clare!



Key words in this Makers Skills Pack include:

Hammer	Tools	Chuck
Pencil	Measuring Tape	Tenon Saw
Screwdriver	Cordless Drill	Mitre Box
Wood Chisel	Claw	Carpenters Pencil
Battery	DIY	Drill Bit
Nails	Screws	Wood Glue
Wood	Beech	Sandpaper
Varnish	Oak	Pine
Measure	Length	Width
Height	Millimetres	Centimetres
Metric	Ruler	Tape
Google	Creators	eLearning
Photo	Canva	Design
Template	Collage	Photo
Google	Maps	eLearning
Kilometres	Canva	Design
Template	Collage	Pine
Instructions	Practice	Workspace
Safety	Inspect	Clean Up
Assembly	Allen Key	Screwdriver

Module 1 -Tool Words



Hammer	Tools	Chuck
Pencil	Measuring Tape	Tenon Saw
Screwdriver	Cordless Drill	Mitre Box
Wood Chisel	Claw	Carpenters Pencil
Battery	DIY	Drill Bit

Carpenter's Tool	Name
	Carpenters Pencil
	Hammer
	Measuring tape
	Screwdriver

Carpenter's Tool	Name
	Wood Chisel
	Cordless Drill
	Tenon Saw
	Mitre Box

Carpenter's Pencil	Hammer	Measuring Tape
Screwdriver	Wood Chisel	Cordless Drill
Tenon Saw	Mitre Box	

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Wood Words Wordsearch

Find the words in the wordsearch below....

J	H	U	J	X	G	U	S	G	B	O	E	C	T	U
X	M	L	H	C	D	A	R	E	Q	L	V	R	I	F
D	N	R	E	T	W	H	N	V	I	R	P	V	Q	R
B	E	F	I	D	S	G	C	C	Q	B	B	H	Z	C
Q	Y	Y	Y	R	F	U	N	K	W	F	R	A	C	T
M	G	G	U	S	C	E	H	Q	U	S	X	R	H	W
Q	B	T	N	Y	P	A	D	F	S	Z	T	S	I	V
Z	S	C	R	E	W	D	R	I	V	E	R	S	S	A
H	F	J	V	R	S	Q	X	P	D	P	L	B	E	P
X	A	H	A	M	M	E	R	W	E	U	I	O	L	V
E	F	M	O	D	R	I	L	L	Z	N	X	K	N	L
C	O	R	D	L	E	S	S	U	S	S	T	X	Y	U
A	N	M	C	D	T	O	J	J	A	P	A	E	J	O
F	K	P	X	C	T	P	O	D	G	J	P	D	R	U
U	L	P	H	B	R	F	C	M	E	H	E	F	G	O

CARPENTER

DRILL

CHISEL

PENCIL

TAPE

CORDLESS

HAMMER

SCREWDRIVER

Please watch Cian from Common Knowledge in the below 2 minute video explaining the different parts of a cordless drill. You'll use a

cordless drill just like this to build your stool while on the Wood & Words programme. After watching the video, please answer the questions below!



To view this video, scan the QR Code below:





Q1. What powers the cordless drill?

A1. _____

Q2. How should you press the cordless drill trigger. (Circle the right answer)

A2. Very Fast Fast Slowly

Q3. What does the Toggle do?

A3. _____

Q4. Which gear is best to use for most DIY projects?

A4. _____

Q5. Which drill function is best for putting in screws & drilling holes? (Circle the right symbol)

A5.



Q6. Underline the name of the part of the drill that holds the drill bit?

A6. Clock

Chuck

Puck

TRIVIA

Tool Time Trivia!

Time for some research...Use the internet to find out answers to the below questions.

Q1. What part is the Claw of a hammer and what is it used for?

Q2. Why is a carpenter's pencil flat instead of round?

Q3. What's the difference between a flathead and a Phillips screwdriver?

Q4. What makes a cordless drill different from a regular drill?

Q5. How does a mitre box help you cut wood at an angle?

Module 2 - Material Words



Key words used in this section....

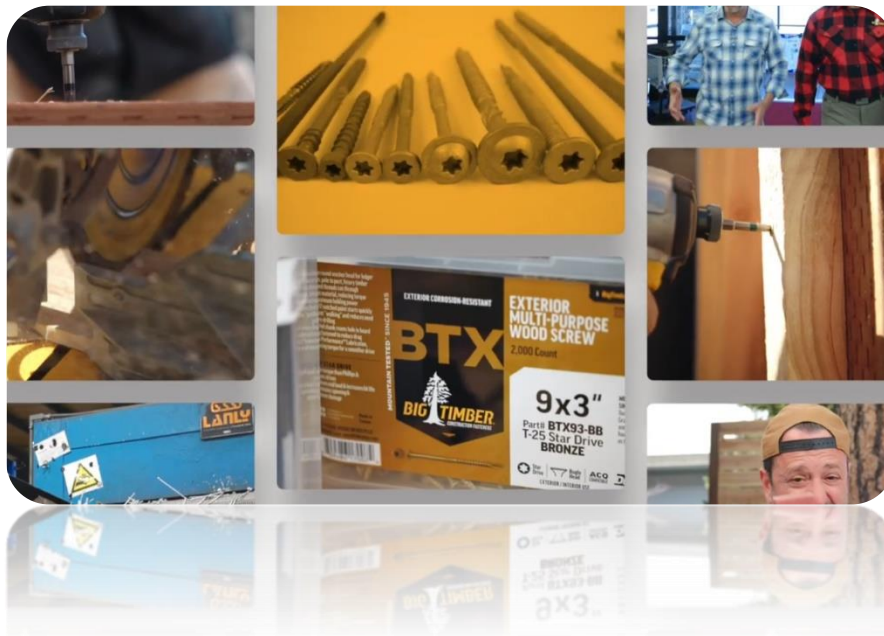
Nails	Screws	Wood Glue
Wood	Beech	Sandpaper
Varnish	Oak	Pine

Carpenter's Materials	Name
	Nail
	Wood screw
	Wood Glue

Carpenter's Tool	Name
	Sandpaper
	Wood Varnish
	Wood Paint

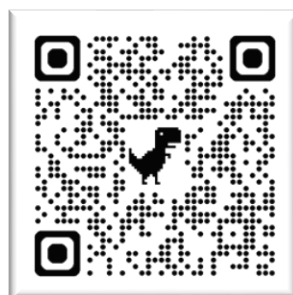
How Screws are made!

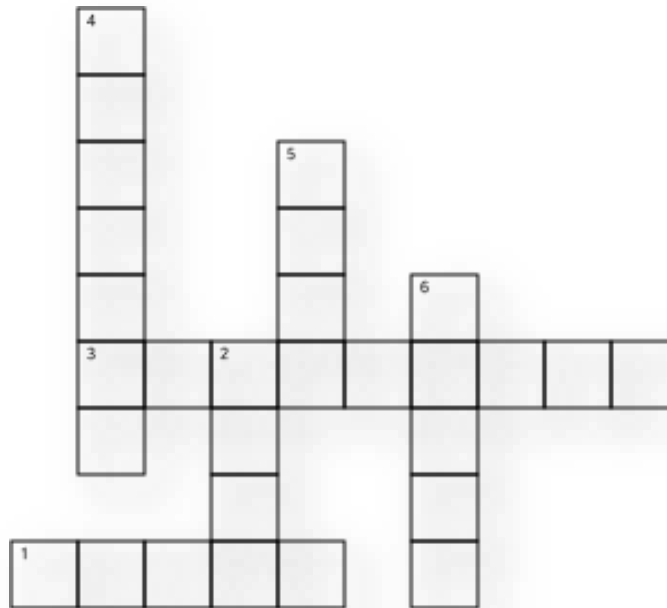
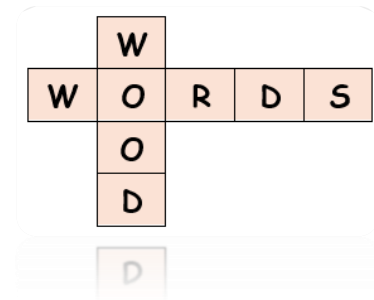
Watch this fascinating video below on how screws are made:



To view this video, click on the link below or scan the QR Code:

https://youtu.be/kl_5_Bbalmg





Down:

2. A small metal spike that you use to hold pieces of wood together
4. A clear liquid that you brush onto wood to protect it and make it look shiny
5. The most important material for needed for the stool
6. A coloured liquid that you brush onto wood to make it look nice and protect it

Across:

1. To make something from parts
3. Smooths the edges and surfaces of wood



Spellings: Homonyms

There are many words in English that sound the same and could be spelt the same but have very different meanings and different spellings. These words are called homonyms.

Beech: A type of wood

Beach: At the seaside

Wood: Timber

Would: This is a verb. (e.g., "I would like to play football")

Board: A flat, thin, and rectangular piece of wood that is used in building or making furniture

Bored: Is an adjective that describes the feeling of not being interested or having nothing to do

Saw: (tool): A tool used to cut wood

Saw: (verb): The past tense of "see" (e.g., "I saw a bird")



Highlight Exercise!

Highlight which is the correct homonym for the sentence given.

The child made sandcastles on the **beech** / **beach**.

The seat of the stool was made from a smooth, light-coloured wood called **beach** / **beech**.

A carpenter works with **wood** / **would**.

I decided that I **wood** / **would** go to the cinema with my friends.

He nailed the **board** / **bored** to the frame to make a shelf.

She felt **bored** / **board** during the long car ride with nothing to do.



Do some research & list four more pairs of homonyms words below:

1.	1.
2.	2.
3.	3.
4.	4.

Module 3 - Measurements



Key words used in this section....

Measure	Length	Width
Height	Millimetres	Centimetres
Metric	Ruler	Tape

The measuring tape

The push-pull steel tape measure is an extendable steel strip coiled into a container. The tape is spring-loaded, so that as soon as it is released it will automatically return to the case. On some cases a lock is provided to fold the tape when extended. Measuring tapes can be got in a variety of different sizes.



Measuring Tape Word Exercise!

Fill in the missing words in the passage from the box below.		
released	tape	available
steel	measuring	lock

The measuring tape

The push-pull steel tape measure is an extendable _____ strip coiled into a container. The _____ is spring-loaded, so that as soon as it is _____ it will automatically return to the case.

In some cases, a _____ is provided to hold the tape when extended. _____ tapes can be got in a variety of different sizes. Tapes are _____ with both metric and imperial sizes or a mixture of both.

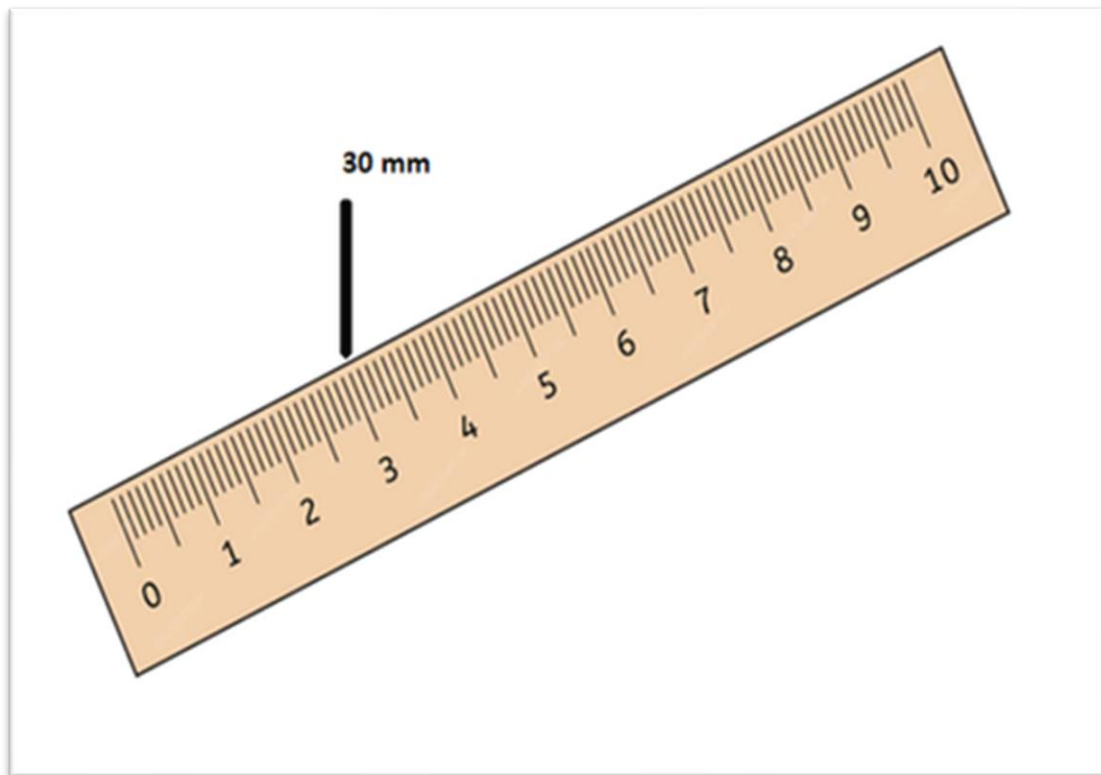
Measuring in millimetres

To find the length of small items correctly we use millimetres.

The word millimetre is shortened to mm.

On your ruler, a mm is too short for each one to be numbered. Only every tenth one is numbered.

Millimetre Exercise!



The arrow shows 30mm on the ruler

Show with an arrow where these measurements are on the ruler:

1. 25mm	2. 64mm
2. 5mm	4. 82mm

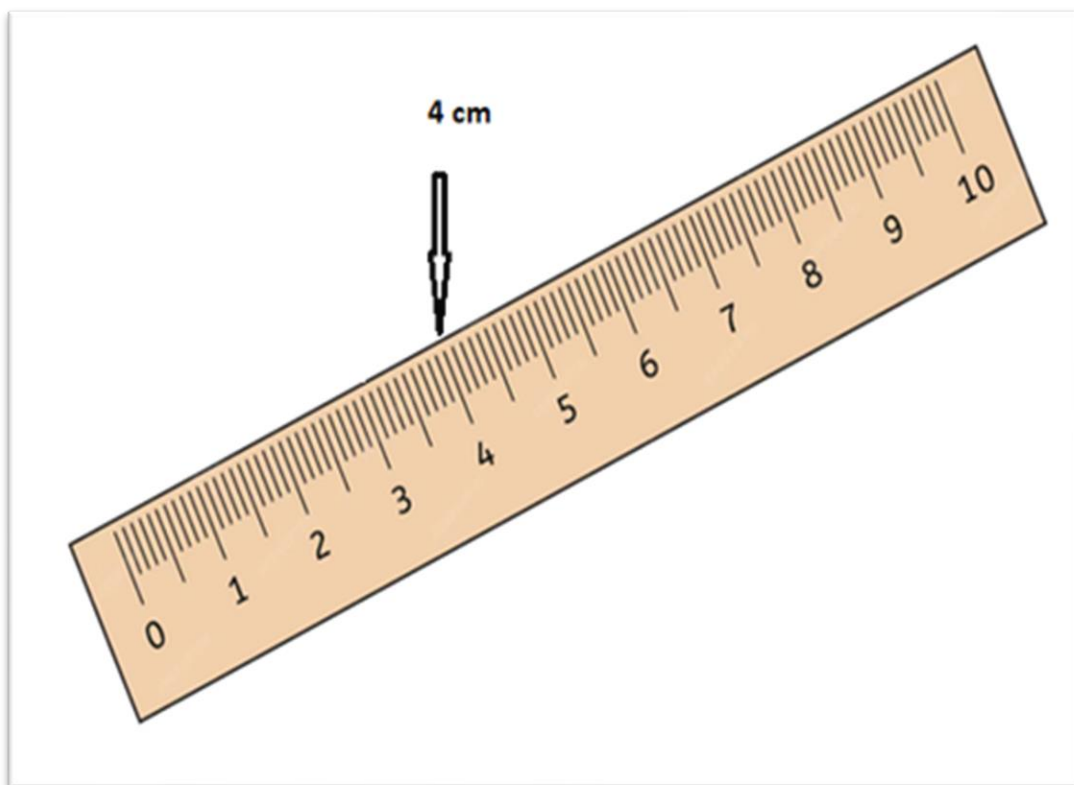
Measuring in centimetres

There are 10 millimetres (mm) in 1 centimetre (cm).

10mm = 1cm

For example, 40mm is the same as 4cm

Centimetre Exercise!



The arrow shows 4cm or 40mm on the ruler

Show with an arrow where these measurements are on the ruler:

1. 2cm	2. 6.5cm
2. 0.5cm	4. 9.3cm



Measure Your Knowledge Exercise!

Read the clues and fill in the answers.

All the words have to do with measurement.

Question	Answer
1. A spring loaded tool used for measuring Wood is called a what?	
2. Before the wood is cut you must _____ the right size?	
3. What 2 letters is short for millimetre?	
4. There are 10 millimetres in one of these?	
5. What is measuring in millimetres and centimetres called?	
6. What 2 letters is short for centimetre?	



Estimating measurements

Being able to estimate or guess measurements is a useful skill to practice.

Try this:

Pick an object in your class or home area. The object must **not** be longer than the ruler or measuring tape. Guess what the size of the object is and write your guess down. Then measure the object with a measuring tape or ruler and write the measurement beside your guess.

Object: _____	
Guess I guess this object will measure _____ mm	Measure It measures _____ mm
Object: _____	
Guess I guess this object will measure _____ cm	Measure It measures _____ cm
Object: _____	
Guess I guess this object will measure _____ mm	Measure It measures _____ mm

Module 4 – Digital Literacy Skills



Key words used in this section....

Google	Creators	eLearning
Photo	Canva	Design
Template	Collage	Photo

As part of your Wood & Words journey you will be asked to create a Photo Collage using Canva as a representation of your time and experience on the programme.

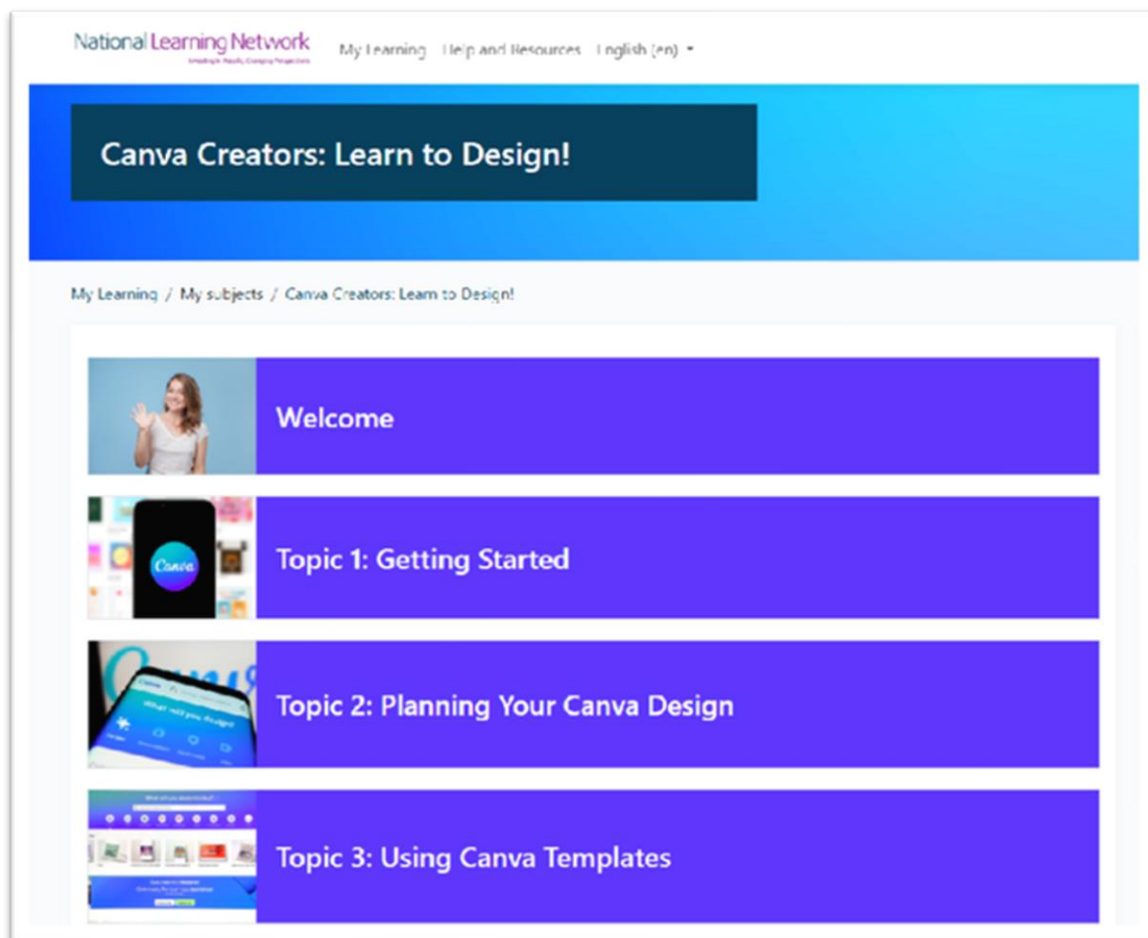
Below is an example of one completed by a student who attended Kayaking lessons with NLN this summer....



Tip! You can use just one photo or several photos to showcase your time on the Wood & Words programme.

How to use Canva?

To support you in completing your Photo Collage you will need to first complete the **Canva Creators** course on eNLN. All you need to complete the course is your eNLN username & password. Then just click on **Enrol Now!**



How to create a Photo Collage in Canva!

Once you have completed the Canva Creators course. Save the images that you want to use for you photo collage onto your device and follow the steps below.

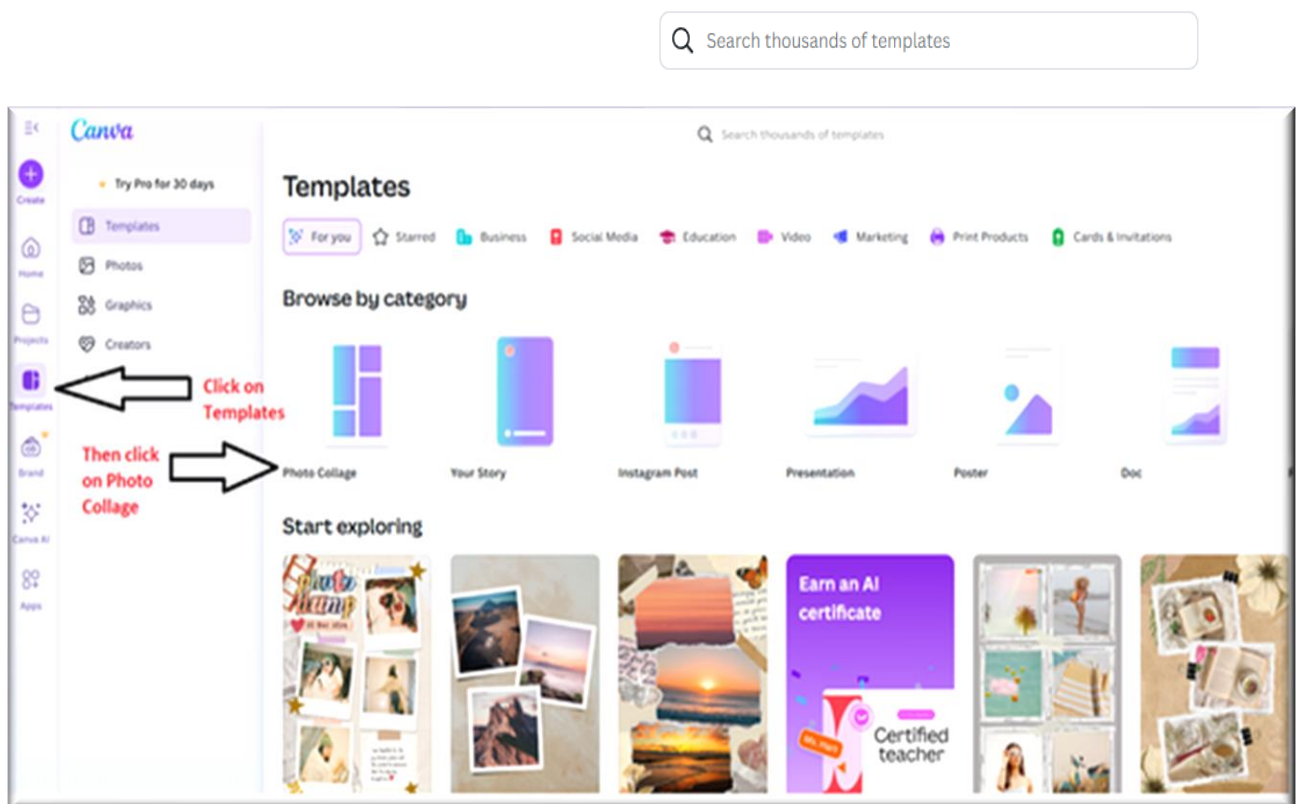
Watch the below 3 minute video on how to create a Photo Collage in Canva or follow the written Instructional Steps below.

Scan the QR Code to watch the video.



Or follow the written Instructional Steps below...

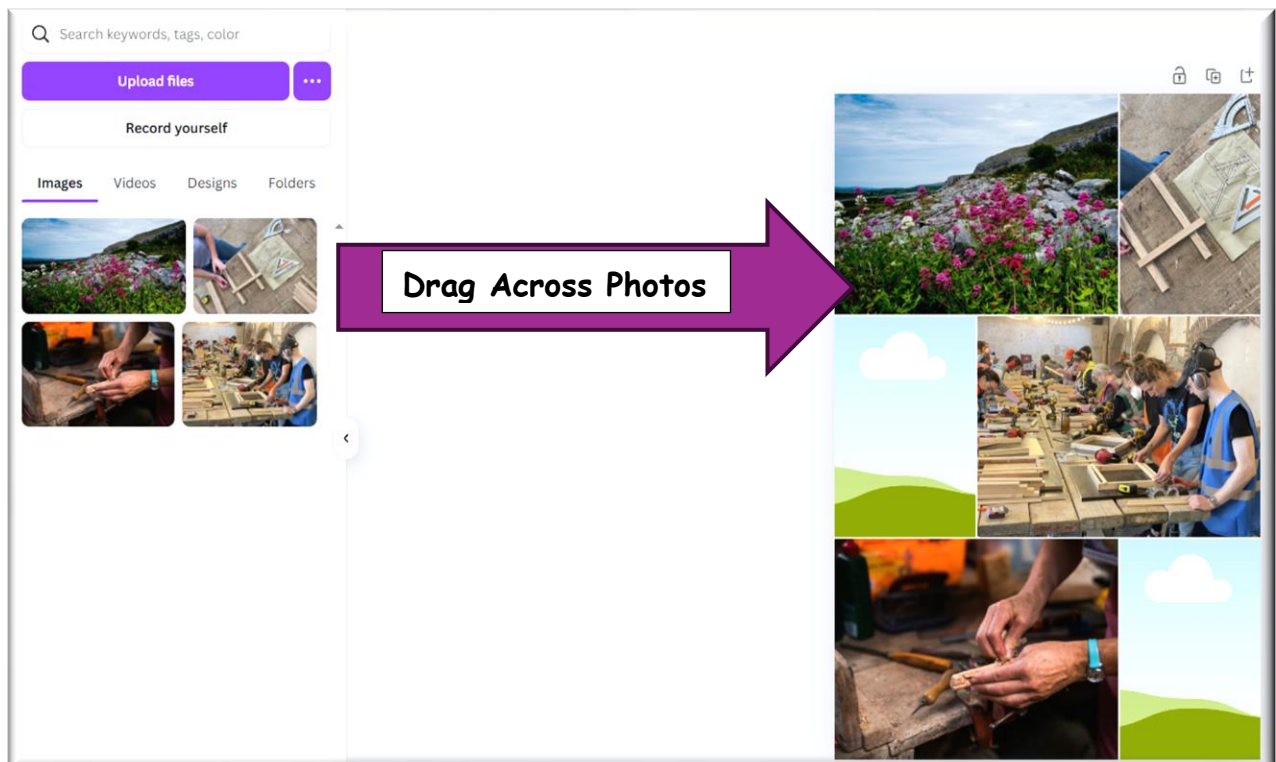
1. Sign into Canva
2. Click on Templates on the left hand side of the screen
3. Then click in the search function and look for "Photo Collage" or click on the Photo Collage template



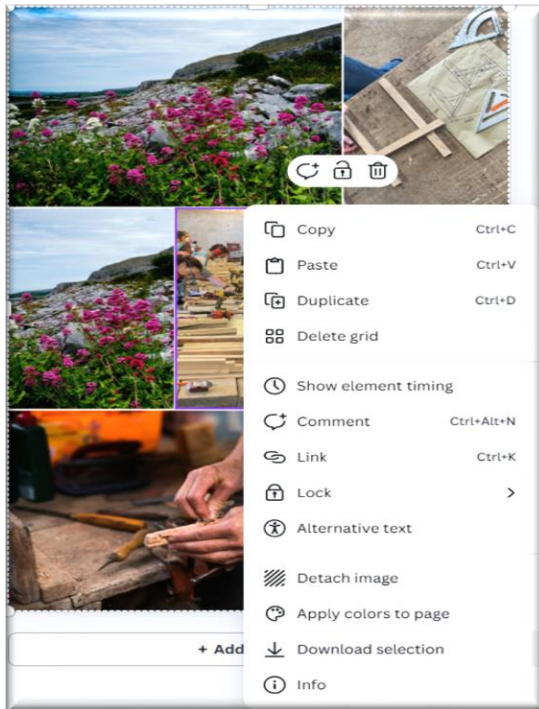
4. Select a template you would like to use. *Please note that templates with the golden crown symbol below is for Premium customers only. Just use one of the other free templates.



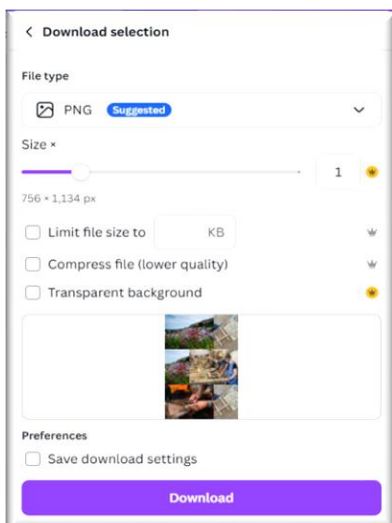
5. Then click on Uploads and upload the photos saved on your device
6. After you have uploaded your photos just drag and drop them into your Photo Collage



7. When you have your photos put into the photo collage template then right click on the photo collage and click on Download Section



8. Lastly, hit Download and your Photo Collage will download to your device



Module 5 – Research Project

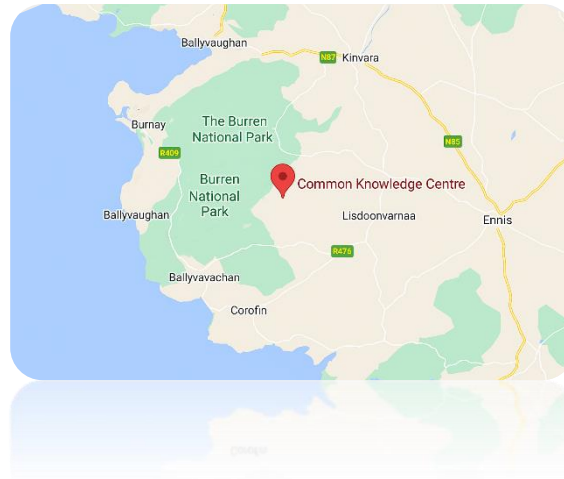


"One's destination is never a place but a new way of seeing things." - Henry Miller

Key words used in this section....

Google	Maps	eLearning
Kilometres	Canva	Design
Template	Collage	Pine

Google Maps



In this section of the Wood & Word programme, you'll learn how to use Google Maps to help you track your journey from the National Learning Network Centre in Galway to the Common Knowledge Centre in the Burren in County Clare.

While you are using NLN transport, Google Maps can show you the best way to get there. You'll learn how to:

- Search for places
- Get directions
- Some of the towns & sites along the way
- Follow your route step-by-step

By the end of this section, you'll be able to use Google Maps like a pro to explore new places and feel confident about getting around.



<http://www.youtube.com/watch?v=tui0hc0lf1U>



1. Tap "Directions."
2. Choose your starting point ("National Learning Network Galway or Castlerea").
3. Choose your destination point ("The Common Knowledge Centre near Kilfenora").
4. Pick how you're traveling: Car ("Which will be the NLN bus ").
5. Google Maps will show you the best route and how long it will take.

Kahoot Quiz!

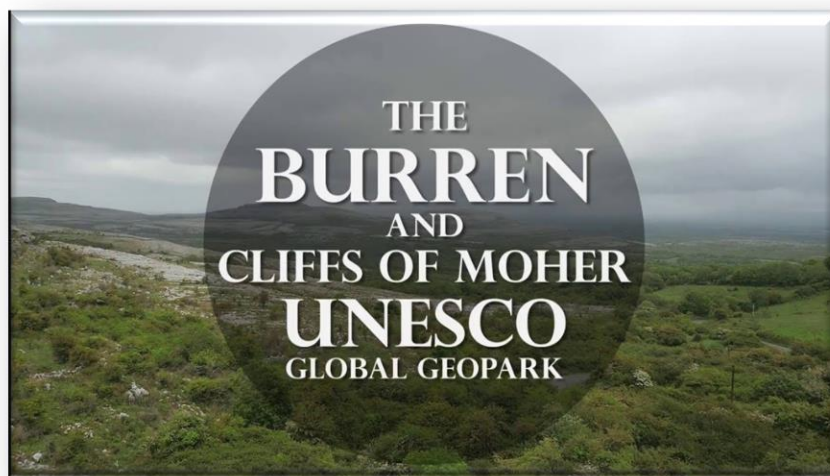
Now plan your journey from the National Learning Network in Galway to the Common Knowledge Centre in county Clare and then complete the Wood & Words Kahoot quiz with your instructor.



Burren & Cliffs of Moher Global Geopark Project!

Lastly, as part of your Word & Words journey you are tasked with completing a small project on the Burren & Cliffs of Moher Global Geopark where the Common Knowledge Centre is located.

Watch the picturesque video below to give you an idea of the location of the centre.



To view this video scan the QR Code below:



Project Task..



Next complete a Creative Project of your choice on the Burren & Cliffs of Moher Global Geopark. The content of your project could include but is not limited some of the following:

Geography of the Burren

How the Burren Was Made - Explore how limestone formed, and how glaciers shaped the land.

The Power of the Atlantic - Study how waves and wind shape the Cliffs of Moher.

Rock Detective - Identify different rock types and fossils found in the Geopark.

Nature & Wildlife

Plants in the Burren.

Birds of the Cliffs: Learn about puffins, peregrine falcons, and other cliff-dwelling birds.

Seasonal Life in the Burren: Track how animals and plants change through the seasons.

History & Culture

Legends of the Burren: Share Irish myths and stories connected to the landscape.

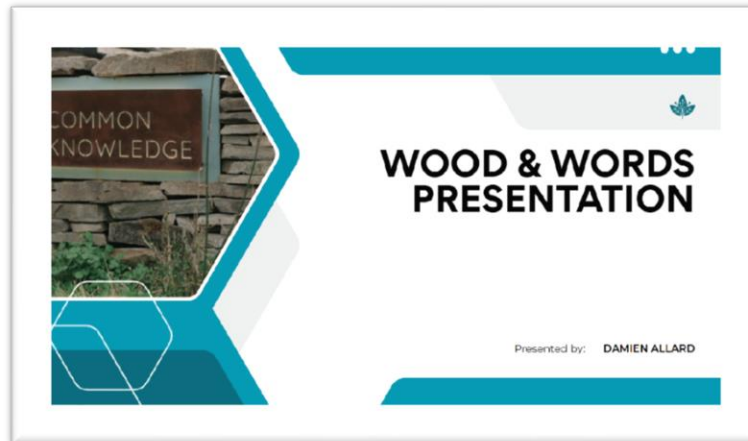
Life in the Burren Long Ago: Explore how people lived and farmed in the past.

Environment & Sustainability

Leave No Trace: Create a guide for young visitors on how to protect nature.

Climate Change and the Cliffs: Explore how rising sea levels and storms could affect the area.

Project Presentation Time!



To present your Project you can use any of the below methods or in a different way you would prefer.



Some Creative Project Ideas!

Design a Travel Brochure: Make a colourful guide for families visiting the Geopark.

Make a Mini Documentary: Use photos, drawings, or video clips to tell the story of the Geopark

Create a Comic Book Adventure: Invent a character who explores the Geopark and discovers ancient secrets or magical creatures.

Create a Podcast Episode: Record yourself and/or your classmates talking about the Burren's geology, wildlife, or legends—include sound effects if you like!

Write a Poem: Write a poem that captures the essence of the Burren

Deliver a PowerPoint Presentation: Create a PowerPoint presentation that you can deliver to your classmates on the Burren

Build the Burren & Cliffs of Moher Global Geopark in Minecraft: If you enjoy using Minecraft, then why not built a world in Minecraft Education of the Burren & Cliffs of Moher Global Geopark

Create a Wildlife Spotter's Guide: Make a booklet with drawings and facts about animals found in the Geopark.

Host a Geopark Quiz Show: Create questions and answers for a fun classroom game about the Burren and Cliffs.

Paint a picture: Use your art skills to create a picture of the Burren or Cliffs of Moher.

Module 6 - Make & Break

Practice (Optional)



Key words used in this section....

Instructions	Practice	Workspace
Safety	Inspect	Clean Up
Assembly	Allen Key	Screwdriver



They say that “practice makes progress”. With your instructor’s supervision why not have a go at building a small piece of furniture in class!



Some safety tips to remember first....

 Preparation & Workspace

Clear the Area: Make sure the workspace is clean, flat, and spacious enough to lay out all parts.

Read Instructions First: If your furniture comes with instructions, go through the entire manual before starting.

 Personal Safety

Wear Closed-Toe Shoes: Protect your feet from falling parts or tools.

Avoid Loose Clothing & Jewellery: These can get caught or snagged during assembly.

 Tool Safety

Use Tools Properly: Even manual tools like screwdrivers, Allen keys, and hammers can cause injury if misused.

Don't Force Parts: If something doesn't fit, double-check the instructions rather than forcing it.

 Assembly Tips

Work in Pairs: Having a buddy helps with lifting, aligning parts, and double-checking steps.

Keep Small Parts in a Container: Prevent screws and dowels from getting lost or stepped on.

 Final Checks

Inspect Stability: Once assembled, gently test the furniture's stability before use.

Clean Up Immediately: Dispose of packaging and store tools safely to avoid tripping hazards.



Some ideas could be: what you liked, learned or found a challenge and solution, how you used reading, maths & digital skills or how enjoyed working with others.

This image shows a single sheet of white paper with horizontal black lines, resembling notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



🎉 Congratulations on Completing the Wood & Words Programme! 🎉

You did it! Over the course of this hands-on journey, you've built more than just furniture. You've built confidence, creativity, and real-world skills that will stay with you for life.

From measuring and sawing to reading plans and completing a project, you've shown how learning can come alive when you create with purpose and freedom. You've proven that reading, writing, and maths aren't just classroom subjects—they're powerful tools for making, building, and supporting your work skills.

So, take a moment to celebrate your hard work, your growth, and your achievements. You're not just a maker—you're a thinker, a doer, and a creator. Keep building, keep learning, and keep believing in your own abilities.

👏 Well done, and we can't wait to see what you create next!