

OVERVIEW

RESIN ART CLOCK Kit – Choice of:

10 Pack (Code: RESART10) 20 Pack (Code: RESART20)

DESCRIPTION

The RESIN ART CLOCK is a Materials & **Technologies Specialisations focused project** which allows students to create a personalized clock face using coloured Epoxy Resin.

Students can mix, pour and manipulate the resin into the desired patterns to create a unique clock face, of their own design. This clock making project is suitable for students in years 8 - 12 in a supervised environment.



LEVEL:

HOURS TO CONSTRUCT: SKILL DEVELOPMENT:

Introductory Project Years 8-12

10 - 15 hours

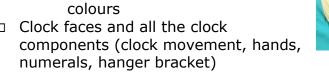
Creating designed solutions by:

- Developing a design brief suited to the nature of the project and the chosen target audience
- investigating and defining the project and materials required for the task, including safety considerations and production plans/timelines
- designing and generating sketches of the planned clock face pattern/colour combinations
- producing and implementing the process to create the clock
- evaluating the finished product against a set of predetermined design criteria.

WHAT'S IN THE KIT?

The 2 kits contain – depending on the choice of kit –enough components and resin etc to make either 10 clocks or 20 clocks:

- ☐ Resin Bulk packs (Part A & Part B)
- ☐ A variety of colour packs for the students to choose from:
 - RESART10 gets 6 different colours
 - o RESART20 gets 8 different
- ☐ Clock faces and all the clock







☐ A detailed teaching unit with a complete parts list, Teacher notes and Student notes / instructions.

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WHAT ELSE IS NEEDED?

The following materials and items are required. Many are available from Scorpio Technology, and can be ordered separately if required (item codes in brackets):

RECOMMEN	IDED PPE
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P2/N95 Respirator / Mask (minimum)	(606020 / 600622)
Safety glasses	(LWSN150)
Latex gloves (disposable)	(468405 XS/S/M/L/XL)

FC	OR EACH STUDENT	
	1 x AA Battery 1 x 200-250ml disposable picnic cups	(BATTAA or BATTALK40) (Code: CUP250)
	2 x 40-60ml disposable espresso (shot) cups	(Code: CUP60)
	3 x Popsticks	•
	3 x Cotton buds	
	Straws	
	Toothpicks	
	Masking Tape (or Gaffer tape)	(TAPEGFBL / TAPEGFBK)
	4 x Small wooden blocks or cups	
	Newspapers / drop sheets	

FOR USE WITH THE RESIN

☐ Eucalyptus Oil (for clean up)

TOOLS REQUIRED

The following tools are suggested or required. Some are available from Scorpio Technology, and can be ordered separately if required (item codes in brackets):

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REQUIRED TOOLS	ORDERING CODE
Craft Knife	CRKNF
Fume extractor (if a spray booth is not available)	SOLDFFAN/SOLDFFANADJ
Butane Torch /a small jet lighter / Brulee torch	

ABOUT THE PROJECT

The supplied Teaching unit consists of two parts:

TEACHER NOTES, which contain sections on:

- ☐ LESSON PLANNING AND PREPARATION with:
 - Suggestions for Lesson planning
 - Information about Epoxy Resins
- ☐ THE DESIGN PROCESS
 - Includes suggestions for the Design Process
- □ PRECAUTIONS AND SAFETY INFORMATION
- ☐ HINTS AND TIPS
- ... and a link to a Youtube video made by the projects designer.

ST	TUDENT NOTES, which contain sections on:
	PARTS required - a checklist for each student to use to ensure they have all parts
	HINTS AND TIPS
	PREPARATION – BEFORE YOU START
	MAKING THE CLOCK FACE
	ASSEMBLING THE CLOCK
П	and the same link to a Youtube video made by the projects designer

SCORPIO TECHNOLOGY

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All the steps of this project are important, to ensure that students design and safely make a unique clock that they can be proud of.

DOES THE TEACHING UNIT INCLUDE ANY THEORY?

The Teaching unit does not have a THEORY section as it deals with a broad variety of topics. However, there is a lot of information on the internet, and students should be encouraged to do some research on their own, and possibly report on topics of their choosing, for example:

- ☐ The background / development of Epoxy Resins
- ☐ Where Epoxy resins are most commonly used
 - Examples of other art pieces created using these materials



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