Year 9 Assessment Task Notification – Industrial Technology (Timber)

Subject: Industrial Technology – Timber

Teacher: Mr Cowell

Task Name: Timber Clock

Task No.: 2

Date of Issue: Week 3 Term 2 2025

Due Date: Week 9 Term 3 2025

Weighting: 40 % (Practical 30 % + Report 10 %)

Outcomes to be assessed

This task aligns with the Stage 5 Timber Technology outcomes addressed in the Clock-project unit:

- **IND5-1** – manage workshop WHS risks
- **IND5-2** – apply design principles during production
- **IND5-3** – select & use hand / machine tools to produce quality work
- **IND5-4** – justify material selection for purpose
- **IND5-5** – communicate ideas and progress in appropriate formats
- **IND5-6** – participate collaboratively and maintain a safe environment
- **IND5-7** – transfer / adapt skills to new situations
- **IND5-8** – evaluate finished product for function, aesthetics & quality
- **IND5-9** – investigate current & emerging timber technologies
- **IND5-10** – assess technological impact on society & environment

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Goals for this activity

By completing this task you will:

- apply **safe work practices** in all workshop processes
- produce a **free-standing timber clock with hidden drawer** to an industry-like standard
- complete the **Clock Theory worksheets & online quizzes** to reinforce key concepts

- communicate using verbal, graphical and written methods
- consider the **environmental impact & sustainability** of materials and processes
- evaluate your finished product using the **PMI** method and self-reflection

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Task outline

Project requirements
Construct a timber clock as specified in the unit plan, incorporating:

1. Clock carcass with rebate joints, chamfered edges and drilled face opening
2. Secret drawer constructed from off-cuts
3. Surface preparation and three-coat oil finish
4. Accurate fit-up of a battery clock mechanism

Simultaneously complete quizzes and related theory content via the project webpage.

Criteria

You will be assessed on your ability to:

- **Apply safe work practices** while operating tools and machines, including a written **Safe Operating Procedure (SOP)** for the drill press (or the machine you use most).
- **Produce a quality project** demonstrating accurate measuring, jointing, sanding and finishing.
- Compile a comprehensive **Project Report / Folio** containing:
  • Work Method Statement (WMS) & cutting list
  • Drawings / sketches and material calculations
  • Photographic evidence of key stages
  • Sustainability notes (use of off-cuts, timber source)
- Use the **PMI evaluation** technique to reflect on the finished product.
- Complete the accompanying **Clock Theory worksheets & online quizzes** (Google Classroom).

Marking criteria

Criterion	Description of high performance
Safe work practices	Follows WHS guidelines, selects correct PPE, completes SOP accurately
Completed project	Accurate joints, quality finish, functional clock mechanism, overall craftsmanship
Project Theory	Complete related theory content and weekly quizzes
Design	Application of design principles, aesthetic appeal, appropriate material choice
PMI evaluation	Honest, analytical reflection identifying positives, minuses & improvements

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Late / absent policy

Students absent on the due date **must** follow the school Assessment Booklet procedures, supply a written explanation to the Head Teacher and may be required to submit work on the first day back. Failure to comply may result in a zero mark and/or an N-warning (RoSA) in accordance with school policy.
