

Subject
Product Design – Practical Woodwork
Knot Puzzle - Spatula

Year and Term
Year 7 – Module 1

Time of Assessment
End of each 12 week rotation.
6 weeks PD - 6 weeks PW

Knowledge to be Assessed:

- Health and Safety in the workshop.
- Coping saw set up.
- Technical drawing – working drawings.
- Pillar Drill safety and set up.
- Safe use of hand tools including a wide range of files and abrasive papers.
- Product analysis.
- Product evaluation.
- Product packaging, production methods.



Skills to be assessed:

- Accuracy of technical drawings.
- Accuracy of marking and cutting.
- Attention to detail in the quality of finish for both practical projects.
- Design skills.

Resources to help Revision:

- **Natural materials** - [Natural Woods \(technologystudent.com\)](http://technologystudent.com)
- **Health and Safety** - [Workshop Safety Rules \(technologystudent.com\)](http://technologystudent.com)
- **Pillar drill safety** - [poster_drill1 \(technologystudent.com\)](http://technologystudent.com)

Grade Descriptors: How the assessment is graded?

Grade: E (Emerging) - Students are forming basic skills and knowledge. **Subject Specific:** Students follow basic instructions with guidance.

Grade: D (Developing) - Students have a basic knowledge of key content and skills. **SS:** Students can follow basic instructions independently.

Grade: C (Secure) - Students can use knowledge and skills to describe and begin to make links between concepts. **SS.** Students show good understanding of concepts.

Grade: B (Advanced) – Students have the confidence to apply detailed knowledge and skills to explain/design and evaluate ideas.

Grade: A (Mastery) – Students apply a diverse range of knowledge and skills in a sophisticated way to achieve a high quality final product.