

Subject
Product Design
Yin Yang Key ring – FPT Key ring

Year and Term
Year 8 Module 1

Time of Assessment
End of each 12 week rotation.
6 weeks YY - 6 weeks FPT

Knowledge to be Assessed:

- Understanding the difference between hardwood and softwood.
- Understand the different applications of a range of different natural materials.
- Understand how certain manmade boards are manufactured.
- Understand how to produce detailed, accurate final designs and design templates for manufacture.



Skills to be assessed:

- Accuracy of cutting and filing.
- Complexity of final FPT design.
- Level of finish on both designs.

Resources to help Revision:

- **Natural materials and applications** - https://www.technologystudent.com/pdf14/poster_woods2.pdf
- **Manmade boards** - <https://www.technologystudent.com/designpro/mboard1.htm>
- **Disc Sander** - <https://www.technologystudent.com/equipment/flsh/disk1.html>

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.