



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 7 and 8 Technology Mandatory Materials (Wood)
Topic	Pencil Case
Class Teacher	Boundy, Lindsay, Wait, Thompson/Curtis
Head Teacher	D. Wait
Year	7 & 8
Date Given	Week 5
Date Due	Due Wk 7
Weighting	15%

**Investigate the characteristics and properties of a range of materials and products.*

IN THIS TASK YOU ARE REQUIRED TO PRODUCE A PRESENTATION METHOD OF YOUR CHOICE

You are required to research the following timbers. Your response must include the following wood products, Tasmanian Oak and Jarrah (TWO hardwoods), Radiata Pine and Cypress Pine (TWO softwood) and Plywood (a manufactured piece of timber).

1. Provide distinguishing features of each type of wood including **appearance, colour, strength, knots and grain**.
2. Compare the cell structure of hardwoods and softwoods in a table.
3. Complete the following section using the **SOFTWOOD 'RADIATA PINE'**
 - a. Outline where this type of wood is grown and explain what makes the area a suitable growing region?
 - b. List the common uses of this type of wood and outline what makes it suitable for the application identified?
 - c. Use images to show the different uses of the wood
4. Select a type of wood that you would like for your pencil box. Provide a range of reasons for your selection by comparing properties compared to other timbers listed.

Non-completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both classes.

Plagiarism:

Plagiarism, the using of the work of others without acknowledgement will incur serious penalties and may result in zero award. Any cheating will also incur penalties.

Failure to follow the above procedures may result in a zero award.

The policies and procedures that are outlined on the ROSA booklet will be followed regarding the non- completion of assessment tasks.

**Common grade scale Stage 4 TAS
Task mark allocation**

A 20-18	The student has an extensive knowledge and understanding of the content and can readily apply this knowledge. In addition, the student has achieved a very high level of competence in the processes and skills and can apply these skills to new situations.
B 17-15	The student has a thorough knowledge and understanding of the content and a high level of competence in the processes and skills. In addition, the student is able to apply this knowledge and these skills to most situations.
C 14-11	The student has a sound knowledge and understanding of the main areas of content and has achieved an adequate level of competence in the processes and skills.
D 10-6	The student has a basic knowledge and understanding of the content and has achieved a 10-6 limited level of competence in the processes and skills.
E 6-0	The student has an elementary knowledge and understanding in few areas of the content 5-0 and has achieved very limited competence in some of the processes and skills.

Outcomes Assessed

TE4-2DP plans and manages the production of designed solutions

TE4-9MA investigates how the characteristics and properties of tools, materials and processes affect their use in designed solutions

MARKING RUBRIC

<u>SECTION</u>	<u>Task Requirements</u>	<u>Marks</u>
1	- Provides features and characteristics of each type of timber including accurate information about appearance, colour, strength, knots and grain.	8
	- Provides many of the features listed about about most timbers including appearance, colour, strength, knots and grain.	7-5
	- Provides some features listed about 1-3 of the types of timber including appearance, colour, strength, knots and grain.	4-3
	- Provides little information about features of timber	2-1
	- Section completed incorrectly.	0
2	- Provides a detailed and accurate comparison of hardwood and softwood. Description provides correct metalanguage in the description	3
	- Provides a sound comparison of softwoods and hardwoods	2-1
	- Provides a basic/limited comparison description of softwood and hardwoods	0
3	- correctly outlines suitable locations where the timber is grown, lists a range of common uses that are correct and provides 3 images where the timber is used in everyday life.	6
	- Correctly outlines suitable location where timber is grown, list some common uses and provides images to support information	5-3
	- Outlines basic information about growing information for timber and some information about uses is provided with supporting image	2-1
	- Section completed incorrectly.	0
4	- Selects a suitable type of timber for the semester project and clearly suggests why they would prefer this option over other types of timber they have researched.	3
	- Selects a suitable type of of timber and lists a reason why they selected it	2-1
	- Does not suggest reasons why they have selected types of timber.	0
		/20