

Year 11 Marine Studies Task #2 – Sailing project

During the Wind Powered Craft topic, you will learn about the concepts of sailing. As we do not have a sailboat for you to practise and demonstrate this on, you will need to create your own. Your sailboat will be made from materials provided by your teacher in class. You will be given time in class to build, test and refine your sailboat before the due date.

Your sailboat must address all of the following criteria:

- Stays afloat without assistance
- Has a fore-and-aft rig
- Has a triangle or quadrilateral sail
- Has a sail that can detached and re-attached
- Has a sail that provides propulsion
- Has a keel
- Has a working rudder
- Can be used to demonstrate how to rig a sailboat
- Can be used to demonstrate how to tack
- Can be used to demonstrate the heave-to position

As part of the task, you will need to write and submit a reflection on your project. Your reflection will need to include descriptions of the following:

- The parts of your sailboat that were successes
- The parts of your sailboat that still need improvement
- The challenges that you overcame and how you overcame them
- The things you would differently if you had to do the project again
- The things that you learnt during this project



Marking Guidelines

Criteria	Marks
Sailboat	
Stays afloat without assistance	0 – 1
Has a fore-and-aft rig	0 – 1
Has a triangle or quadrilateral sail	0 – 1
Has a sail that can detached and re-attached	0 – 1
Has a sail that provides propulsion	0 – 1
Has a keel	0 – 1
Has a working rudder	0 – 1
Can be used to demonstrate how to rig a sailboat	0 – 1
Can be used to demonstrate how to tack	0 – 1
Can be used to demonstrate the heave-to position	0 – 1
Sailboat TOTAL	/10
Reflection	
The parts of your sailboat that were successes are described	0 – 1 – 2
The parts of your sailboat that still need improvement are described	0 – 1 – 2
The challenges that you overcame and how you overcame them are described	0 – 1 – 2
The things you would differently if you had to do the project again are described	0 – 1 – 2
The things that you learnt during this project are described	0 – 1 – 2
Reflection TOTAL	/10
TOTAL	/20