



Task Number	2	Task Name	Sailing Project
Course	Year 11 Marine Studies	Faculty	Science
Teacher	Mr Yates and Ms Sulek	Head Teacher	Mr Yates
Issue date	Monday 13 th May 2024	Due date	Wednesday 3 rd July 2024
Focus (Topic)	Sailboat design	Task Weighting	30%

Outcomes

A student:

- 1.5 demonstrates an awareness of the value of the ocean as a source of historical information
- 5.1 values the rules and operating principles of marine equipment and applies them
- 5.3 interprets and follows instructions, with accuracy
- 5.4 selects, organises, assembles, dismantles, cleans, and returns equipment

Task description

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 explanations 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	MARK %
<p>Outstanding The student demonstrates extensive knowledge of content and understanding of course concepts, and applies highly developed skills and processes in a wide variety of contexts. In addition the student demonstrates creative and critical thinking skills using perceptive analysis and evaluation. The student effectively communicates complex ideas and information.</p>	90-100
<p>High The student demonstrates thorough knowledge of content and understanding of course concepts, and applies well-developed skills and processes in a variety of contexts. In addition the student demonstrates creative and critical thinking skills using analysis and evaluation. The student clearly communicates complex ideas and information.</p>	75-89
<p>Sound The student demonstrates sound knowledge of content and understanding of course concepts, and applies skills and processes in a range of familiar contexts. In addition the student demonstrates skills in selecting and integrating information and communicates relevant ideas in an appropriate manner.</p>	50-74
<p>Basic The student demonstrates a basic knowledge of content and understanding of course concepts, and applies skills and processes in some familiar contexts. In addition the student demonstrates skills in selecting and using information and communicates ideas in a descriptive manner.</p>	25-49
<p>Limited The student demonstrates an elementary knowledge of content and understanding of course concepts, and applies some skills and processes with guidance. In addition the student demonstrates elementary skills in recounting information and communicating ideas.</p>	0-24
<p>Late submission – no misadventure Assessment not submitted</p>	Parental notification