



Peakhurst Campus

Assessment Notification

Year 9 Marine and Aquaculture Technology

TOPIC / MODULE:

Year 9 Mangrove Ecosystems

WEIGHTING:

25%

DUE DATE:

Term 2, Week 6 - Thursday 2nd June

9MAY – Periods 1 & 2

OUTCOMES:

MAR5-13 – collects and organises data by experimenting and accurately reading instruments, signals and charts and communicates this information.

MAR5-14 - recalls aspects of the marine environment using relevant conventions, terminology, and symbols.

TASK

Lime Kiln Wetlands Field Study Task

The task will require students to walk to Lime Kiln Wetlands to conduct a field study around a local mangrove ecosystem. This will assess the ability of students to make associations with both practical and theoretical learning, honing students' acquired skills to solve real-life problems by completing and submitting an activity booklet.

The activity booklet requires to follow written instructions and conduct ecological sampling techniques such as taking measurements of pneumatophores and interpreting water parameters such as PH, salinity, ammonia, nitrogen, and phosphate. Students will need to identify root structure and identify adaptations through observation. The task will require students to examine the impact of human activity on the studied environment and make a contrast to traditional indigenous practices associated with the surrounding ecosystem.

PREPARATION

- Students are encouraged to bring their workbooks for reference. They are permitted to use the knowledge and procedures acquired in class as guidance in interpreting results.
- The activity books will indicate the number of marks allocated to each task.
- Watch the following video to help make links to traditional and current uses of the ecosystem - <https://www.historyofaboriginalsydney.edu.au/south-coastal/salt-pan-creek-heather-goodall-and-dennis-foley> (this will also be shown and discussed in class)
- Students are encouraged to bring protective footwear (i.e.: gumboots) that is appropriate for the muddy environment that they will be working in.
- Complete and return off-site participation permission slip before the day of assessment.

Permission Note

I give permission for my child _____ to travel to Lime Kiln Wetlands on the 2nd of June to undertake a practical study at Lime Kiln Wetlands. I am aware of the duration listed above that my child will be off school premises.

I am aware that this task contributes to 25% of the overall assessment and failure to attend will result in students having to complete an alternate assessment.

Parent/Guardian Signature: _____

Date: _____

Please return this permission note to Mr Bousaleh no later than Monday 30th May 2022.



Peakhurst Campus

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Permission Note

I give permission for my child _____ to travel to Lime Kiln Wetlands on the 20th of May 2021 to undertake a practical study at Lime Kiln Wetlands. I am aware of the duration listed above that my child will be off school premises.

I am aware that this task contributes to 25% of overall assessment and failure to attend will result in students having to complete an alternate assessment.

Parent/Guardian Signature: _____

Date: _____

Please return this permission note to Mr Bousaleh no later than Thursday 20th May 2021.