



national science week 2021

Menzies-Ramaciotti Centre-National Science Week 'PCR in your hands'

- When:** Friday 8 October 2021
- Time:** 9:00 am – 1:00 pm
- Where:** Seminar room, Menzies School of Health Research, John Mathews Building (Building 58), Royal Darwin Hospital Campus (Meet at Reception)
- Who:** The Ramaciotti Regional and Remote Health Sciences Training Centre (Menzies-Ramaciotti Centre), supported by Menzies Research Teams

Event details:

The Menzies-Ramaciotti Centre is hosting a half-day of science activities for high school students. The activities will be facilitated and supervised by Menzies staff. Students will have the opportunity to meet with Menzies staff, as well as interacting with students from other local high schools. Students will rotate through a series of activities including the following:

- Extract DNA from a banana!
- Perform a Polymerase Chain Reaction (PCR) to check for the presence of bacterial DNA
- Swab different surfaces to check the bacterial load
- Observe different microorganisms using a microscope
- Learn about the proper use of hand sanitizer
- Tour the Menzies Laboratory!

Who can attend:

Due to laboratory access requirements, all students must be aged 16 years and over. Teachers are welcome to attend as observers of the activity.

What to bring:

- Ensure that you wear closed shoes (no sandals or thongs)
- Bring a water bottle

Further information:

For further information, please contact Mr Michael Johnston, Project Manager and Vocational Placement Coordinator, Menzies-Ramaciotti Centre, on 08 8946 8635, or email michael.johnston@menzies.edu.au by Friday 6 August.

This Inspiring Australia initiative is supported by the Australian Government as part of National Science Week.