



Highly Commended

Science Writing

Year R-2

Ella Wallace

Scotch College - Junior School



First Nations Science – Ella Wallace (Rec-year2)

The first people to live in Australia were the Aboriginal peoples. These First Nations People are the oldest living civilisation in the world! First Nations Science is the knowledge of Indigenous peoples, including scientific and evidence-based knowledge, which has been built up over thousands of years of interaction with the environment.

First Nations People practise science in all parts of life – such as using fish traps, navigating via the stars, bush medicine, fire management and agriculture.

We can learn so much from the sustainable practices of First Nations People, such as:

- Only take or use resources that are needed - waste nothing.
- Respect the local environment. Maintain the land to ensure the resources continue to be available for generations to come.
- Use fire management - small, controlled, low-heat fires to keep trees and shrubs from growing too thick. There will be less risk of wildfires caused by lightning strikes. Controlled burning encourages new growth. The heat from fires causes seeds to germinate.

We should combine First Nations knowledge systems with modern science to sustainably manage the land, rivers, oceans, animal, and plant life. It will also help keep future human communities healthy.

Word count: 191

Bibliography

<https://www.scienceweek.net.au/first-peoples-science-week-event-holder-booklet/>

<https://kids.britannica.com/kids/article/Indigenous-Australians-and-the-Environment/629073>

<https://easyscienceforkids.com/best-types-of-scientists-video-for-kids/>

<https://www.natgeokids.com/au/discover/history/general-history/aboriginal-arts-and-culture/>

<https://www.twinkl.com.au/resource/au-t2-s-1467-aboriginal-bush-medicine-powerpoint>

Thomas, Ron. & Sydenham, Shirley. 2022. Aboriginal Peoples of Australia.

<https://www.kidcyber.com.au/aboriginal-peoples-of-australia>

<https://aiatsis.gov.au/explore/australias-first-peoples>

<http://www.fnesc.ca/sciencetrg/>

<https://www.csiro.au/en/research/indigenous-science>