



The impact of UV on health

Levels 5-6

Learning intention

To develop an understanding of ultraviolet (UV) radiation and how it impacts our health.

Victorian F-10 Curriculum Links Content descriptions

Health and physical education (Personal, social and community health)

Level 5 - 6: Investigate the role of preventive health in promoting and maintaining health, safety and wellbeing for individuals and their communities.

Science

Level 5 - 6: Scientific understandings, discoveries and inventions are used to inform personal and community decisions and to solve problems that directly affect people's lives.

English (Reading and viewing)

Level 5: Navigate and read imaginative, informative and persuasive texts by interpreting structural features, including tables of content, glossaries, chapters, headings and subheadings and applying appropriate text processing strategies, including monitoring meaning, skimming and scanning. Use comprehension strategies to analyse information

Level 6: Select, navigate and read increasingly complex texts for a range of purposes, applying appropriate text processing strategies to recall information and consolidate meaning. Use comprehension strategies to interpret and analyse information and ideas.

Introduction

What is ultraviolet radiation?

Introduce the term 'UV radiation' and explore what UV is.

Possible sources for information include:

CCWA:

https://www.youtube.com/watch?v=2_0dnTLcfH4

Kids Geography:

<https://kidsgeo.com/geography-for-kids/ultraviolet-waves/>

BTN: UV warning

<http://www.abc.net.au/btn/classroom/uv-warning/10535368>

ARPANSA: Understanding Radiation at

<https://www.arpansa.gov.au/understanding-radiation/what-is-radiation>.

Use a jigsaw reading activity to split the students into 4 groups. Give each group a different fact sheet from ARPANSA's Sources of Radiation page at

<https://www.arpansa.gov.au/understanding-radiation/radiation-sources/sun-radiation>.

Activity

In groups, ask students to read their fact sheet and underline key points, highlight new information, **asterisk anything they already knew and develop a question on something they'd like more information on. Once they have completed this, move into mixed groups to share their learning with their peers from different groups.

Reflection

As a class share:

- The key point/s from each fact sheet
- A question from each group
- Interesting facts

