

Year 6 WASP - Teacher Introduction

The WASP (Woodside Australian Science Project) is an initiative between Woodside and Earth Science Western Australia (ESWA).

These activities are designed to support the Earth Science part of Earth & Space Science topic required by the Year 6 Australian Curriculum.

Copies of this and other supporting materials can be obtained from the WASP website www.wasp.edu.au or by contacting Julia Ferguson at julia@wasp.edu.au.

Topic 1	What Lies Below?
Topic 2	Volcanic Eruptions
Topic 3	Earthquakes
Topic 4	Tsunamis
Topic 5	Droughts and Flooding Rains
Topic 6	Managing Disasters Scientifically

Year 6 Australian Curriculum Science

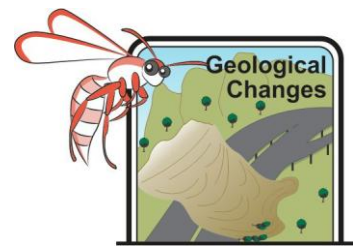
Earth & Space Science

Sudden geological changes or extreme weather conditions can affect Earth's surface (ACSSU096)

- Investigating major geological events such as earthquakes, volcanic eruptions and tsunamis in Australia, the Asia region and throughout the world
- Recognising that earthquakes can cause tsunamis
- Describing how people can measure significant geological events.
- Exploring ways that scientific understanding can assist in natural disaster management to minimise both long and short term effects
- Considering the effect of drought and extreme weather on living and non-living aspects of the environment

Science Inquiry Skills

- With guidance, pose questions to clarify practical problems or inform a scientific investigation, and predict what the findings of an investigation might be (AC SIS232)
- With guidance, plan appropriate investigation methods to answer questions or solve problems (AC SIS103)
- Decide which variable should be changed and measured in fair tests and accurately observe, measure and record data, using digital technologies as appropriate (AC SIS104)
- Use equipment and materials safely, identifying potential risks (AC SIS105)
- Construct and use a range of representations, including tables and graphs, to represent and describe observations, patterns or relationships in data using digital technologies as appropriate (AC SIS107)
- Compare data with predictions and use as evidence in developing explanations (AC SIS221)
- Suggest improvements to the methods used to investigate a question or solve a problem (AC SIS108)



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- Communicate ideas, explanations and processes in a variety of ways, including multi-modal texts (AC SIS110)

Science as a Human Endeavour

- Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena (ACSHE098)
- Important contributions to the advancement of science have been made by people from a range of cultures (ACSHE099)
- Scientific understandings, discoveries and inventions are used to solve problems that directly affect peoples' lives (ACSHE100)

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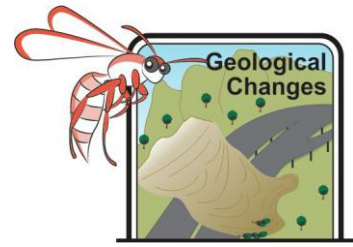
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