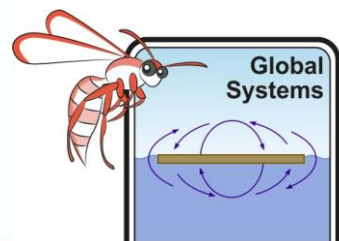


Year 10 WASP - Teacher Introduction



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 the Earth & Space Science topic required by the Year 10 Australian Curriculum.

Copies of this and other supporting materials can be obtained from the WASP website <http://www.wasp.edu.au> or by contacting Julia Ferguson, Julia@wasp.edu.au

Topic 1	Global Systems
Topic 2	Carbon Cycle
Topic 3	Greenhouse Effect (causes and effects)
Topic 4	Climate Change
Topic 5	Sea Ice and Permafrost
Topic 6	Ocean Currents

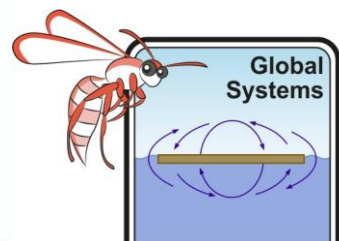
Year 10 Australian Curriculum Science

Earth & Space Science

Global systems, including the carbon cycle, rely on interactions involving the biosphere, lithosphere, hydrosphere and atmosphere (ACSSU189)

- Investigating how human activity affects global systems
- Modelling a cycle, such as the water, carbon, nitrogen or phosphorous cycle within the biosphere
- Explaining the causes and effects of the greenhouse effect
- Investigating the effect of climate change on sea levels and biodiversity
- Considering the long term effects of loss of biodiversity
- Investigating currently occurring changes to permafrost and sea ice and the impacts of these changes
- Examining the factors that drive deep ocean currents, their role in regulating global climate and their effects on marine life

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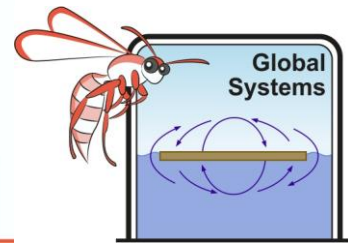
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