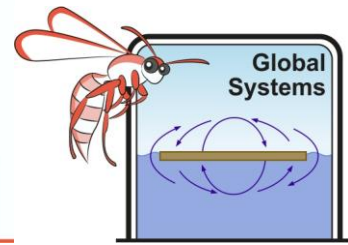


# El Niño & La Niña – Student Activity



Changing conditions in the atmosphere and hydrosphere influence both weather and climate. What is the difference between weather and climate?

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We shall be searching for scientific information regarding a major influence on Australia's climate. What key words would you use to search for information about this?

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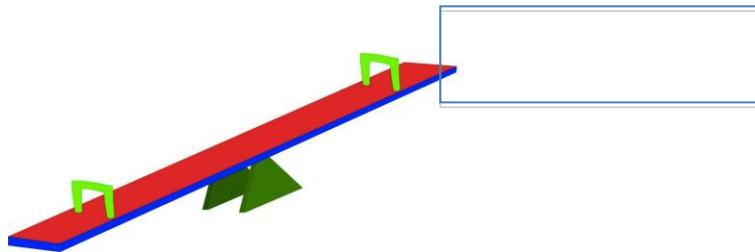
Materials per student

- Access to the Internet and library reference books
- A copy of your school's directions on writing a bibliography for references

What does ENSO stand for and what climatic changes does it describe? \_\_\_\_\_

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Between which two weather patterns does the weather oscillate?



Describe what happens to create an **El Niño** event and what the consequences of this event are on people living in Peru and in Eastern Australia.

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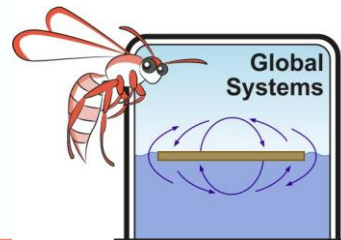
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## El Niño & La Niña – Student Activity

Describe what happens to create a **La Niña** event and what the consequences of this event are on people living in Peru and in Eastern Australia.

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Records in rocks, sediments, corals and tree rings indicate that this irregular two to seven year cycle is not a recent phenomenon. It has been influencing our climate for over 10,000 years and probably longer. Are these records primary data, secondary data or proxy data? Explain your answer

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### **The effect of ENSO on Western Australia**

What effect does ENSO have on the western coast of Australia?

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### **The effect of enhanced global warming on ENSO**

Suggest two ways in which climate warming could affect ENSO and climate patterns in Australia

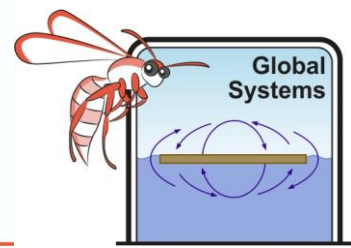
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# El Niño & La Niña – Student Activity



Bibliography