



07

## Tsunami Warning



### Lesson Number: 7C – Tsunami Challenge

Year Level:  
5-7

5Es:  
Evaluate

Curriculum Links:  
English, Science, Geography

**Lesson Number: 7C****Tsunami Challenge****Theme: Tsunami Warning**

In this story the key message is that tsunamis are dangerous. Amy is researching them for a school project but Jimmy isn't convinced of their danger. Aren't they just big waves? But Amy's research says otherwise. Tsunamis are dangerous and when at the beach, it is important to listen to the warnings and move to higher ground if the warnings are issued. Trev and Jimmy realise that they go to the beach for their holidays and need to be informed. They decide to join Amy in researching more about tsunamis.

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**What students will 'Know and Do':**

Students will know that tsunamis are dangerous and will be able to research some information about them.

1. View the *Li'L Safety Club Natural Disasters* advertisement – **Tsunami Warning**
2. Ask students to find out what a tsunami is. Refer to the **Background information: Tsunami**. They can research on the internet or through the library. Through their research on the internet, they should list different sites that contain information about recent tsunamis.
3. Ask students to locate and print out images of tsunamis for later use.
4. Form the class into small groups and have students research at least one occasion where a tsunami has devastated a location. Each group should select a different event.
5. Each group is to create a PowerPoint presentation on their selected tsunami event. The PowerPoint can have text, images, video, sounds and animations included.
6. Once the groups have completed their PowerPoint they are to present their work to the class.
7. The researched presentations should address the scientific, geographical and sociological conditions and data on their tsunami.
8. The class can then evaluate the impact of each tsunami event.

**Useful resources:**

- SES Victoria: TsunamiSafe  
[www.ses.vic.gov.au/CA256AEA002F0EC7/page/TsunamiSafe?OpenDocument&1=68-TsunamiSafe~&2=~&3=~](http://www.ses.vic.gov.au/CA256AEA002F0EC7/page/TsunamiSafe?OpenDocument&1=68-TsunamiSafe~&2=~&3=~)
- EMQ: Be prepared: Tsunami  
[www.emergency.qld.gov.au/emq/css/tsunami.asp](http://www.emergency.qld.gov.au/emq/css/tsunami.asp)
- Historic tsunamis: From Wikipedia, the free encyclopedia  
[http://en.wikipedia.org/wiki/Historic\\_tsunamis](http://en.wikipedia.org/wiki/Historic_tsunamis)
- 100 years of deadly earthquakes  
[www.abc.net.au/news/newsitems/200412/s1273414.htm](http://www.abc.net.au/news/newsitems/200412/s1273414.htm)
- FEMA for Kids  
[www.fema.gov/kids/tsunami.htm](http://www.fema.gov/kids/tsunami.htm)
- National Geographic: Tsunamis, Killer waves  
<http://environment.nationalgeographic.com/environment/natural-disasters/tsunami-profile/>
- GeoScience Australia: Historic Events: Tsunami  
[www.ga.gov.au/hazards/tsunami/tsunami-basics/historic.html](http://www.ga.gov.au/hazards/tsunami/tsunami-basics/historic.html)

Theme: Tsunami Warning

Name:

Class:

Imagine that you are a scientist researching tsunami. Use internet and reference material to research and answer the following questions.

8. How would you feel if you were in a tsunami?

2. How are tsunami formed?

3. If you were at the beach, how would you know there was a tsunami coming, and what would you do?

1. What does the word *tsunami* mean?

9. Add some diagrams or pictures of a tsunami to support your project.

6. *Research and write about one recent tsunami event.*

4. In what parts of the world are tsunami most likely to occur?

7. Any other interesting facts about tsunami that you feel we should know.....

10. Draw an interesting title page for your tsunami report.

5. Following on from question 4, mark where tsunami have occurred on a map of the world.