

## **Geohazards Video Questions**

**Thursday 30 April**

### **1. Tsunami Risk in New Zealand**

Come out to the Boulder Bank in Nelson to find out more about this natural feature and tsunami risk in New Zealand

1. How did the boulder bank form?
2. Why is there a risk of tsunami in Nelson?
3. Which parts of New Zealand are at risk of tsunami?

Next step learning: Find out which parts of New Zealand are at greatest risk from tsunami.

### **2. Detecting and Preparing for Geohazards**

Find out about how geohazards are monitored by the GeoNet monitoring network.

1. What is GeoNet?
2. What is a seismograph?
3. How are tsunami monitored?

Next step learning: Check out the [GeoNet website](#) to find out about recent earthquakes.

### **3. Landslides in Cities**

Walk down to the beach at Tāhunanui to see where a large historic landslide has affected part of Nelson.

1. Why is the hill above Tāhunanui prone to landslide?
2. What happened in 2011?
3. What has been done to stabilise the cliffs above the road at Tāhunanui?

Next step learning: Find out what other parts of New Zealand are prone to landslides.

### **4. Landslides in Rural Areas**

Drive up a hill above Richmond to find out about one of New Zealand's most common landslides.

1. What type of landslide is this?
2. What can cause these types of landslide?
3. What can be done to try and prevent these landslides?

Next step learning: Find about New Zealand's worst landslides in recent history.



### **5. Field Trip Summary**

Now that you have completed the Geohazard field trip, spend some time thinking about what you have learnt.

1. What have been the highlights of this field trip for you and why?
2. How will you prepare for geohazards in your area?
3. Help your teacher to fill in the online [evaluation form](#) for this field trip.