

Earthquake Preparation Guide

New Zealand is located along the Ring of Fire, an active ring of tectonic activity that encircles the Pacific Ocean.

It is difficult to predict when and where a tectonic event (earthquake) will strike so it is a good idea to be prepared.

Being prepared means coming up with an action plan and putting together a survival bag that contains everything that you will need to help you get through the ordeal.

Using a map of your local area, you need to:

1. Identify an area for you to get to in the case of an earthquake
 - a. This must be within walking distance of your training organisation
 - b. It must be elevated enough to be safe from tsunamis
 - c. It must not be near any tall buildings or structures

2. Identify three routes that you can use to get to the destination from your training organisation, bearing in mind that any major roadways are likely to be congested with traffic jams.

3. Rank the three routes from best to worst and justify your ranking.

You must design and prepare a survival pack that contains everything that you will need to:

- Get to your destination
 - Survive three days outdoors
 - Contact your loved ones
1. You will be provided with a pack which you must organise and place the required items in. Your pack must weigh no more than 6kgs.

 2. You must justify every item in the pack to the observer of this problem-solving activity.

You must provide a map showing your route and a list of items that you packed in to your pack (along with individual weights and explanations of why you need each item) with your assessment for marking.

Assessors note: You must provide a map (or access to a digital map), a standard back pack and a range of necessary (and unnecessary) provisions for the candidate to pack in their survival packs.