

Earthquakes Webquest Assignment

Go to the following site (Government of Canada):

<http://earthquakescanada.nrcan.gc.ca/index-eng.php>

Answer the following questions:

- 1) Where has the most recent earthquake occurred in Canada? When? What was the magnitude?
- 2) Where are most of the earthquakes in Canada? Using your knowledge of plate tectonics, explain why most of the earthquakes occur here.
- 3) **Using your knowledge of plate tectonics**, why are there no government recorded earthquakes in Saskatchewan?
- 4) Where is the closest place to Fall River that a recent earthquake has been felt? When? What was the magnitude? (Look at the original map on the main page. Click on the area where Fall River lies. Find the only recent recorded earthquake in NS).
- 5) What provinces have a seismic hazard (ie: an earthquake is possible)?
- 6) Look in the sidebar. Go to Historic Events. Where did the top 3 earthquakes in Canada occur? What was each earthquake's magnitude?
- 7) Look in the sidebar. Go to Be Prepared! Look in the Emergency Preparedness Guide.
 - a. Create a list of things you need to plan for in any emergency.
 - b. Create a list of things you will need for an emergency kit.
 - c. What are the main emergencies we face in NS?
 - d. How long does the government expect you to be able to survive in an emergency?

Now search the web for...

- 8)
 - a) What should you do if you are inside during an earthquake?
 - b) What should you do if you are outside during an earthquake?
 - c) What should you do if you are in your car during an earthquake?