

**MASTER  
OF DISASTER**

## Earthquakes

One of the top ten hazards in B.C. is earthquakes. The Pacific Coast is the most earthquake-prone region of Canada. Over 100 earthquakes at a magnitude greater than 5.0 have occurred over the past 70 years! The large amount of earthquakes in this region is due to the presence of active faults, or breaks on the earth's crust, that make up the Pacific Ring of Fire. The surface of the earth is always changing, as the plates that make up the earth's crust are moving constantly at a speed of about 2-10cm per year. That's about how fast our fingernails grow.



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## Earthquakes | Worksheet

Answer the following questions using what your teacher has taught you about this hazard and what you've learned through your own independent research.

1. Give a description of how this hazard happens and why:

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2. Are there any warning signs that this hazard is on its way or may occur where you live?

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3. What are some trusted organizations that you could go to for information about this hazard?

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4.

Name a time and place where this hazard has occurred in the past and one thing we can learn from that event:

Place:

Time/Year:

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What can we learn:

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5. What can you do to prepare for this hazard before it happens?

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6. Write a description of a plan you might discuss with your family to prepare for this hazard:

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7. What did you learn about this hazard that you did not know before this lesson?

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8. What do you still wonder about this hazard?

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