

Science 8

Blackline Master

This blackline master package, which includes student worksheets and materials for teachers to make their own overhead transparencies or photocopies, is designed to accompany Open School BC's *Science 8* course. The course and blackline master were developed by BC teachers, instructional designers, graphic artists, and multimedia experts.

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The Science 8 course consists of 4 modules, Science 8 SOS Package, blackline master, and the *Science 8 Media CD*. Science 8 is available in both print and online versions. Science 8 can be purchased as individual components or as a complete resource, *Science 8 Resource Package*. The following supporting resources are required for print and online versions of the course. All are available from Open School BC.

Textbooks

BC Science 8 or BC Science Probe 8

To order, contact:

Open School BC Customer Service Team or Visit our website at
Phone: 250-356-2820 (Victoria) www.openschool.bc.ca
1 888 883 4766 (Toll-free)
info@openschool.bc.ca

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Guided Practice 4.1A 1

Try It Out! Water Quiz

How much do you already know about water? Mark each of the following questions T for True or F for False.

1. Most of the world's fresh water is in lakes, rivers, and streams.

T or F

2. Groundwater is water that is found underground in dirt, sand, gravel, and rocks.

T or F

3. About 30 percent of the water on Earth is fresh water; the rest (70 percent) is salt water.

T or F

4. Groundwater is the primary source of drinking water in many areas of the world.

T or F

5. Water is the only substance on Earth found naturally in all three states.

T or F

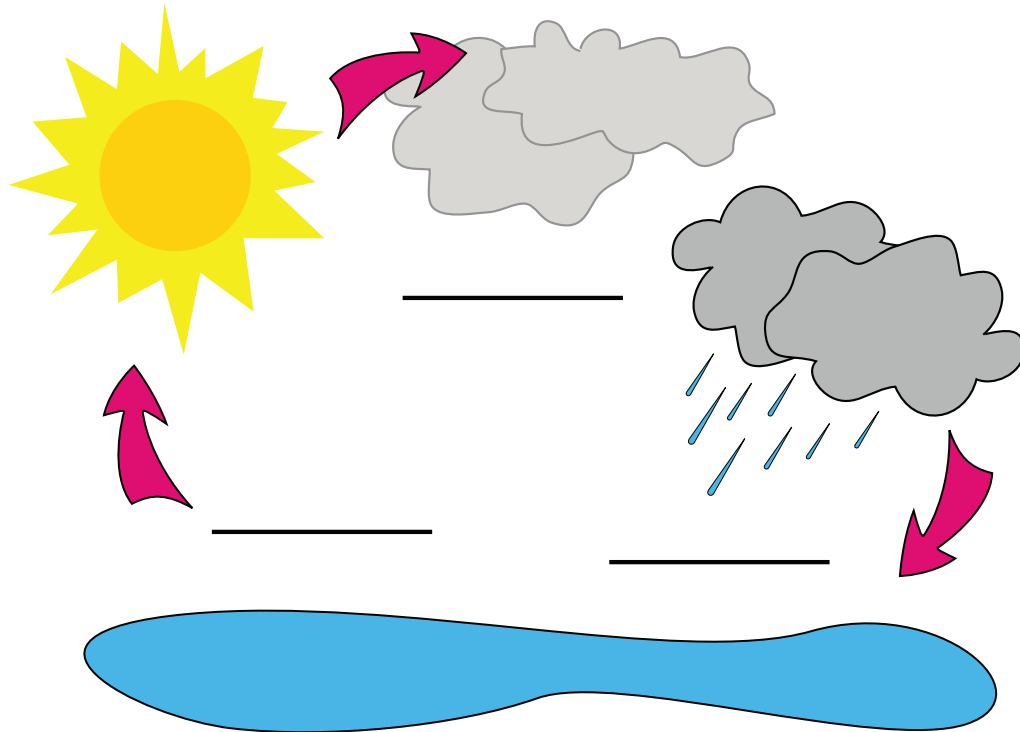
6. The Earth has less water now than 1000 years ago.

T or F

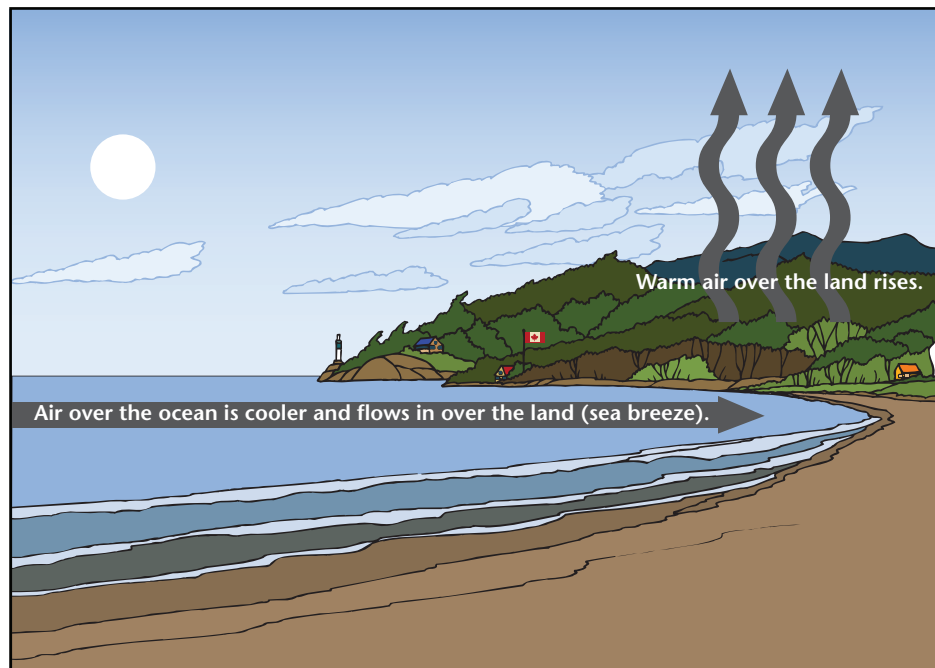
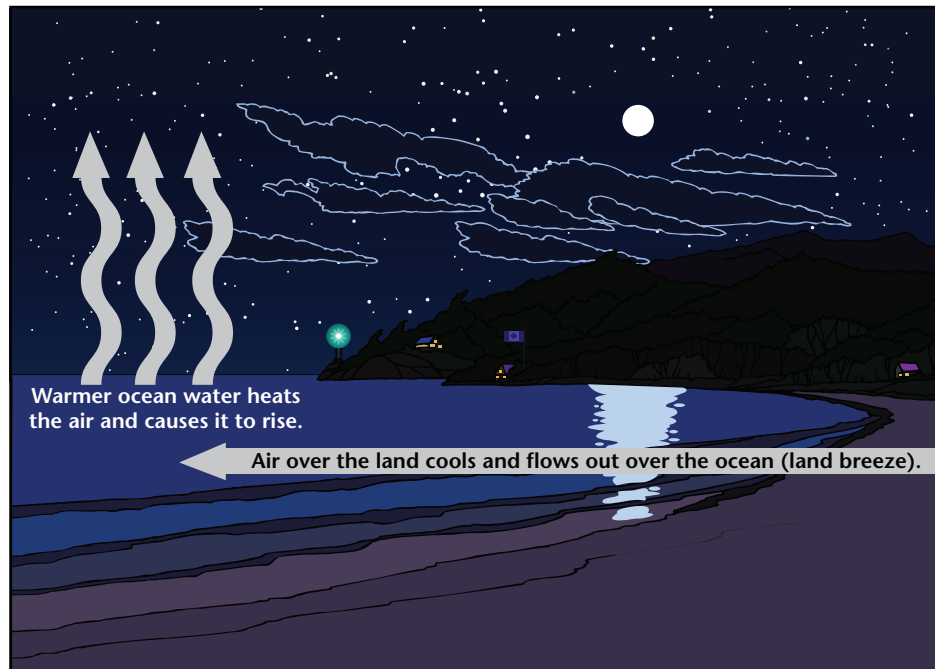


Guided Practice 4.1B The Water Cycle

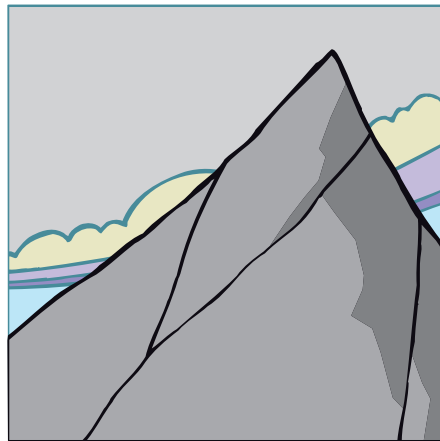
Fill in the blanks of this diagram of The Water Cycle.



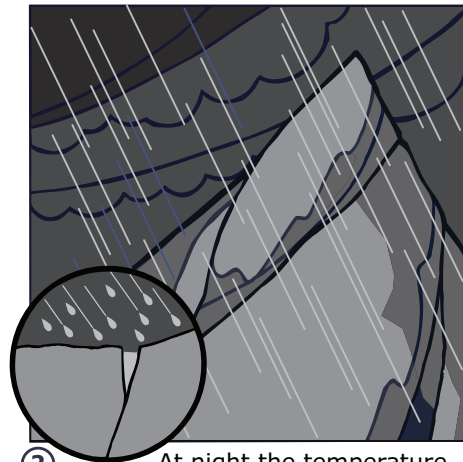
Temperature and Wind



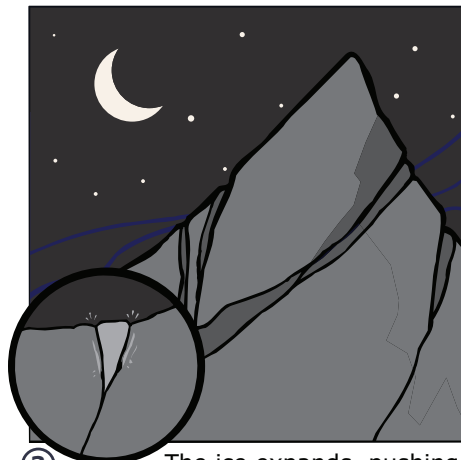
Frost-Wedging



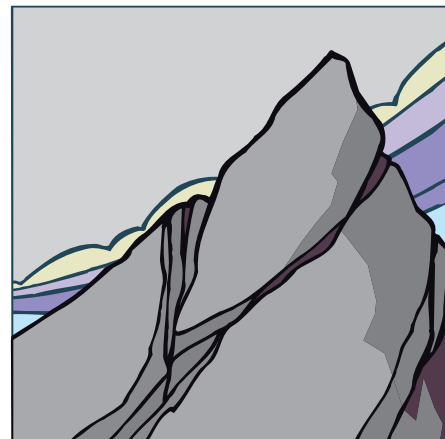
① Water from rainfall seeps into cracks in solid rock, such as mountain peaks.



② At night the temperature drops below zero and the water in the cracks freezes into ice.

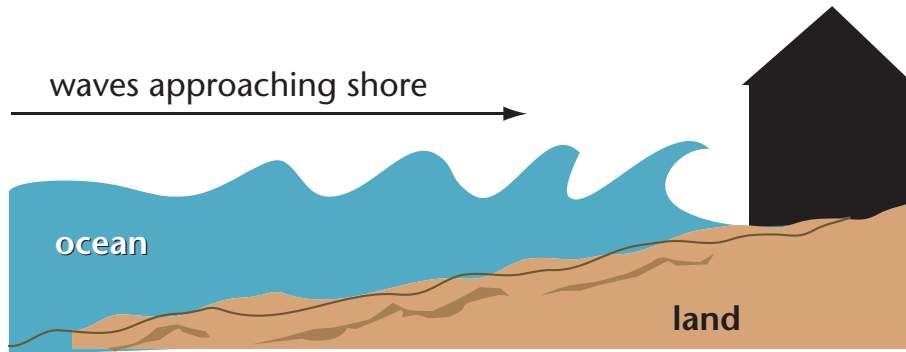


③ The ice expands, pushing out and opening up the cracks.

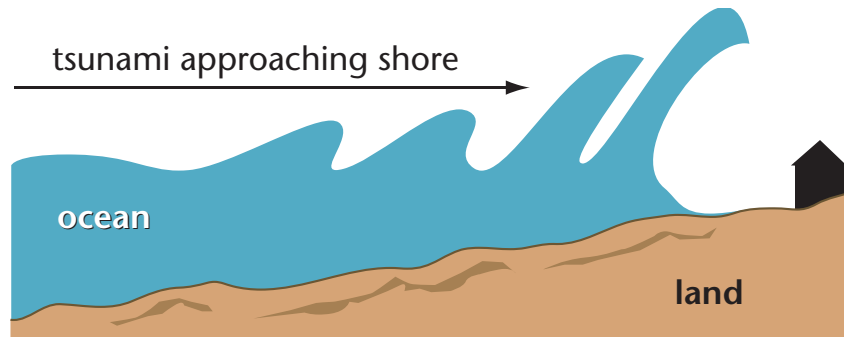


④ The next day the temperature goes up and the ice melts, leaving a larger crack than before.

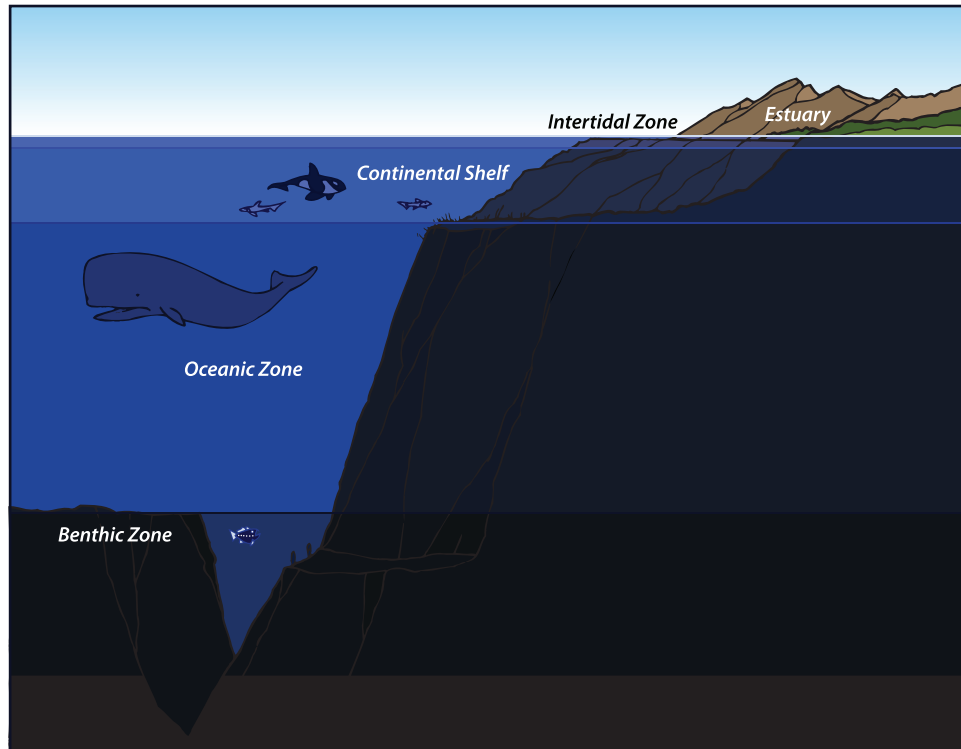
Waves: Wind Action



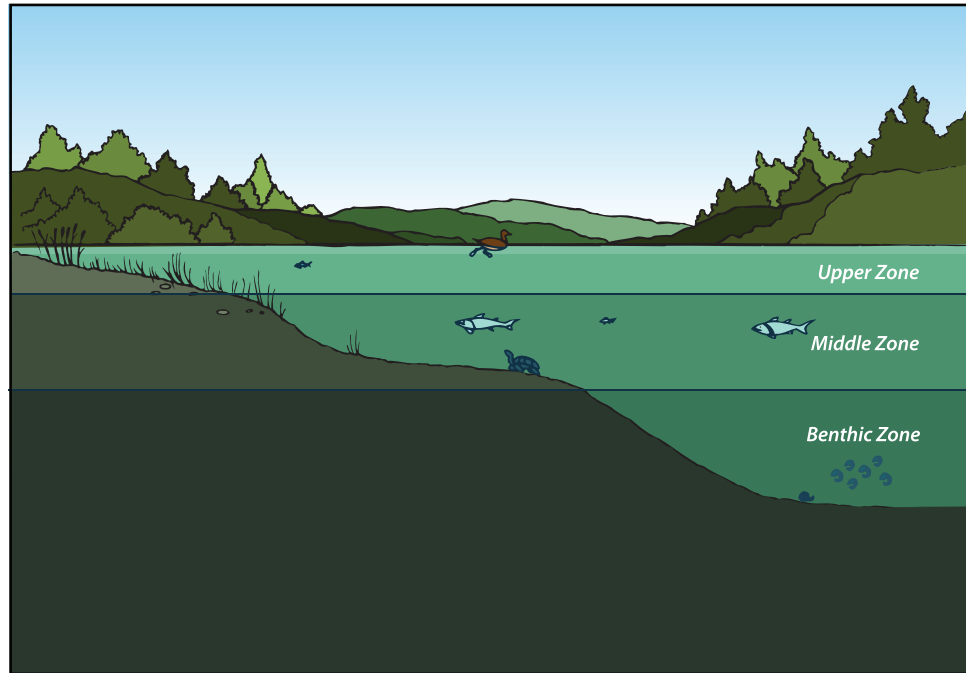
Tsunamis: Tectonic Forces



Ocean Biodiversity



Freshwater Biodiversity



Human Use of Water

World Water Consumption

