



Dear Educator,

This file offers views of some of the worksheets in our “Frozen Water” thematic unit. The cover for an eWorkbook is shown followed by the preview pages.

The “Frozen Water” unit offers 16 pages.

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# FROZEN WATERS



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Snow is a special form of ice that is formed when moisture in the air freezes. It freezes into special shapes called crystals. These snow crystals are all different, but they all have six sides to them.

When we go high into the mountains we usually find a large amount of snow. The higher we get, the colder it gets. There are many places that have very warm weather, but by driving just a few hours people can get to snow covered mountains.

Sometimes the snow builds up on the mountains in a dangerous way. It forms steep cliffs that can suddenly collapse and slide down the mountain. When this happens we call it an avalanche. An avalanche can crush houses and cars with ease.

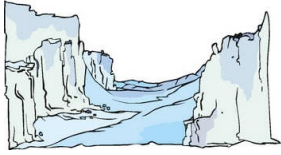


Look up information in books or on the Internet about the words below. Write some of what you learn.  
Write your answers on the lines in complete sentences.

1. avalanche \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. ice crystal \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Glaciers move because the snow and ice build up on them to enormous weights. The weight of all this ice forces the glaciers to move slowly down the mountain. Rocks and boulders get dragged along with them.

The snow builds up so deep and gets so heavy that the snow at the bottom changes form. The snowflakes slowly change their shape and pack together. This makes a white colored, hard packed ice.

The kind of glacier that looks most like a frozen river or snow and ice is called a valley glacier. They are found in the low spots, or valleys, between mountains.

Another kind of glacier is called an icecap. An icecap looks like a giant layer of snow and ice that spreads out in all directions. The biggest icecap we know of is bigger than the United States.

This glacier is thousands of feet thick near its center. It is called the Antarctic Ice Cap.



Circle the correct answer, write it on the line.

1. Another kind of glacier is called \_\_\_\_\_ .

ice cube   ice cap   sheet

2. The \_\_\_\_\_ of the glacier forces it to move.

color   weight   water

3. A glacier is \_\_\_\_\_ of feet thick near its center.

thousand   hundreds   millions



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## CRISS CROSS

Can you fit these words into the criss cross?  
Use a pencil so you can erase if you need to.

iceberg  
snow

glacier  
sleet

frozen  
fjord

water  
freeze

