

# Avalanche!

by Rachelle Kreisman



Have you ever heard of an avalanche? Avalanches are sudden natural events where large amounts of snow and ice slide down a mountain. As they slide, the snow and ice get faster. In fact, snow from an avalanche can move as fast as two hundred miles per hour. That is three times faster than a car on a highway!

Most avalanches happen after big storms. New snow puts added pressure on snow already on the mountain. That added pressure can make the old

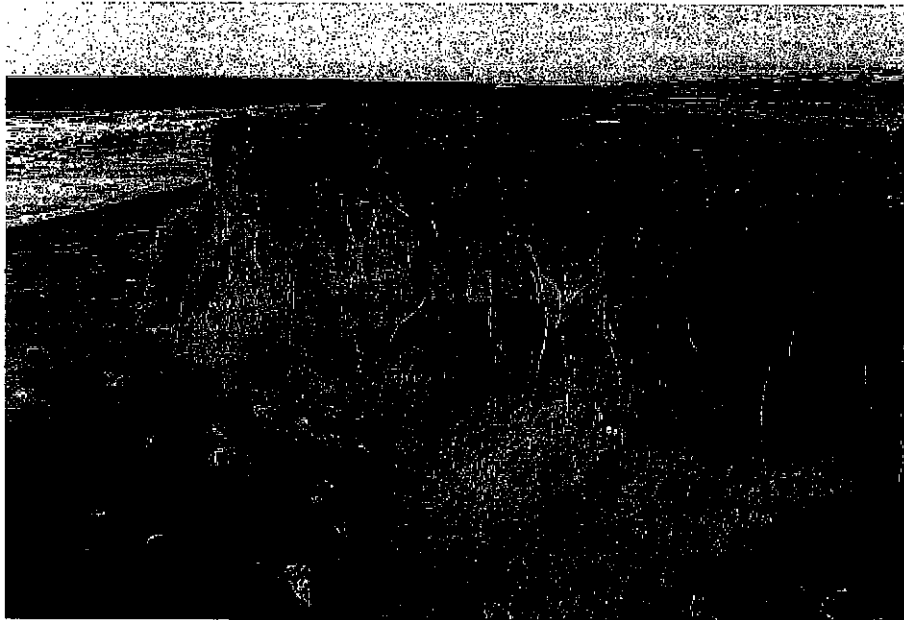
snow break loose and start sliding.

Avalanches can be dangerous. Heavy snow moving down a mountain may pull other things along, such as trees and rocks. A powerful avalanche can damage everything in its path.

Many people like to ski and snowboard. They want to have fun on mountains. They also want to stay safe. Experts can usually tell when an avalanche might happen. The experts can warn people of the risk. The risk may be low or high. People have to pay attention to warnings to be safe.

# Weathering and Erosion

by Rachelle Kreisman



Nature is always changing. Those changes are called natural events. Some natural events happen quickly. Think of a fire that starts when lightning strikes a tree. Other events occur slowly, such as when rocks are worn down over hundreds of years. This happens because of weathering and erosion.

Weathering is what happens when a part of a rock is loosened. Parts of rocks are usually loosened by nature. Erosion (ih-ROH-jzun) happens after weathering. It is the process of moving water, moving ice, or wind carrying away a part of a rock.

Moving water can cause weathering and erosion. Have you ever seen waves crash against rocks on the shore? The water can chip off small pieces of rock and carry them away. As more waves hit the rocks, more

pieces are chipped off and carried away. Because of this, the rocks get smaller and smaller over time.

Moving ice can cause weathering and erosion. Some mountains have solid sheets of ice near the top. During warmer weather, a bit of ice melts. Then the sheet of ice may move slowly down the mountain. As the solid ice moves, it scrapes rocks, breaking off pieces. Then the pieces are taken away by the moving ice.

Wind also causes weathering and erosion. Wind can blow sand and dirt. It can carry the dirt far away. In some places, strong wind will push sand against rocks. Over a long period of time, the wind wears down those rocks.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Use the article "Weathering and Erosion" to answer questions 1 to 2.**

1. What is erosion?
2. What are three things that can cause weathering and erosion?

**Use the article "Avalanche!" to answer questions 3 to 4.**

3. What is an avalanche?
4. Does an avalanche happen quickly or over a long period of time? Use evidence from the text to support your answer.

**Use the articles "Avalanche!" and "Weathering and Erosion" to answer questions 5 to 6.**

5. Contrast weathering and erosion with avalanches. Use information from both texts to support your answer.
6. Can avalanches cause weathering and erosion? Support your answer using evidence from both texts.

## Incredible Equations

On March 16<sup>th</sup>, some of the students in Mrs. Daniels' class wrote equations equal to 16. During recess, Mrs. Daniels erased parts of each equation. Find the missing parts.

# 16

$$7 + \underline{\quad} = 16$$

$$\underline{\quad} + 8 + \underline{\quad} = 16$$

$$16 = 3 + \underline{\quad}$$

$$27 - \underline{\quad} = 16$$

$$100 - \underline{\quad} = 16$$

$$16 = \underline{\quad} + 10$$

$$\underline{\quad} - 4 = 16$$

Mrs. Daniels added this equation. Can you find the number that fits in the blank?

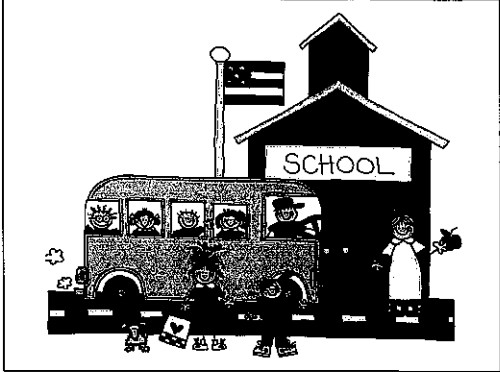
$$11 + 5 = \underline{\quad} + 8$$

Show how you know your answer is correct.

**NTID SUGGESTED ACTIVITIES**

NOVEMBER 26, MARCH 25, SNOW DAY 1, 2, 3

# Elementary ART

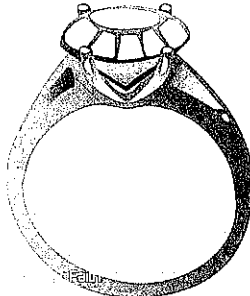
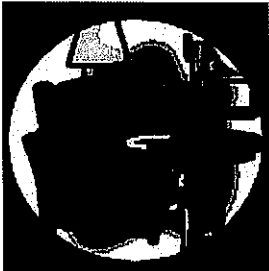
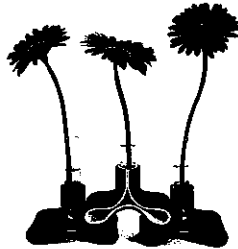
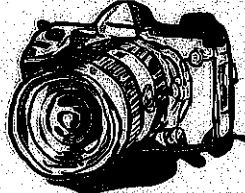


Draw your favorite things or how you spent your day...

[Large empty rectangular box for drawing]

Explore your home and see how many different art forms that you use in a single day.

Did you play a video game, take a photograph, watch a movie, or notice colorful designs on your clothes or around your home?



**NTID Suggested Activities**

**November 26, March 25, Snow Days 1, 2, 3**



# Elementary Music

Sing your favorite song or listen to a different type of music.

**REFLECT:** Draw a picture about how it made you feel.

**Write** about how the music made you feel.

Did the music excite you, calm you, or make you sad?

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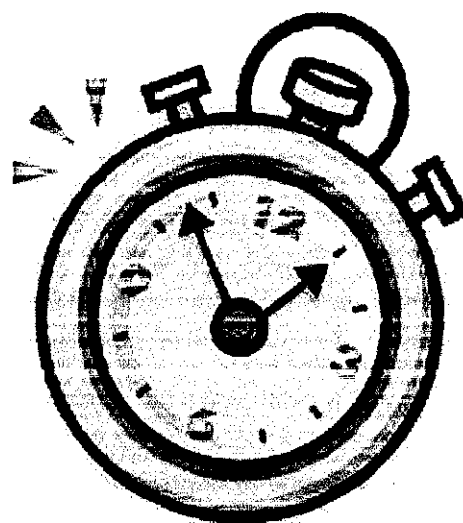


## NTID Suggested Activities

November 26, March 25, Snow Days 1, 2, 3

# Elementary P.E.

Take 20 minutes for active play or exercise...



### DID YOU...

take a walk?

play outside?

practice a sport?

go swimming?

go sledding?