



Landscape fire puzzle

Fire and ice have shaped Washington. Washington provides clues in the landscape that reveal evidence of volcanic eruptions, glaciers and Ice Age floods. Use the decoder below to help solve the clues on these two pages.

• Fire and Ice Decoder •

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

More than 15 million years ago, cracks and vents near the border of Oregon, Washington and Idaho allowed lava to surface. This created thick layers of volcanic rock called _____.

2 1 19 1 12 20

Clues of these lava flows are evidence of the _____ of nature and help scientists understand volcanoes.

16 15 23 5 18

Mount St. Helens



Before



After

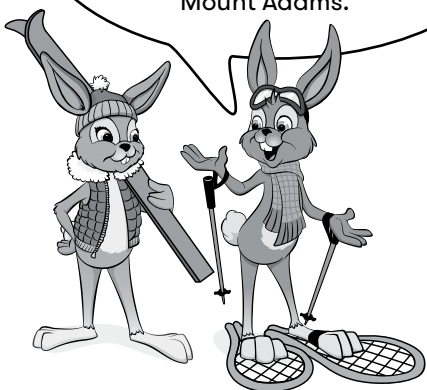
Did you know?

There are five major volcanoes in Washington: Mount Baker, Glacier Peak, Mount Rainier, Mount St. Helens, and Mount Adams.

On May 18, 1980, Mount St. Helens erupted. As an earthquake shook the **9,677-foot-tall** volcano, the northern flank of the volcano collapsed and it erupted. When the dust settled, it was shorter than before the eruption.

How much of the volcano's height was lost during the 1980 eruption?

Height before			
—	—	—	—
-	8	,	365
=			



Landscape ice puzzle



More than 13,000 years ago, parts of Washington were _____ by water or ice.

3 8 1 14 7 5 4

Today, the _____ River Gorge tells the story of powerful Ice Age

3 15 12 21 13 2 9 1

floods equal to 10 times the flow of all the rivers in the world combined.

Ice Age floods are an important part of Washington's history.

Write a poem using the letters of the word "WATER" to begin each line.

W _____

A _____

T _____

E _____

R _____

Water
Along time ago
Traveled across the
Earth
Rain and snow!

Washington ice
All ready
Travel
Everywhere water
Run, run, run