

Geysers are one of the hottest topics in science! These explosive features are a type of hot spring where the water is heated by shallow, molten rock below the surface. As the temperature rises, the pressure builds until the boiling water needs a place to escape. Then, the geyser erupts as a mineral-rich fountain—sometimes hundreds of feet into the air! Did you also know...

- ✓ The word geyser comes from an Icelandic term meaning “to gush or rage.”
- ✓ Geysers often erupt on a cycle, which allows scientists to predict their activity.
- ✓ There are geysers located outside Earth, too! Saturn’s moon Enceladus has over 100.

Did You Know?

Old Faithful is one of the most famous geysers. Located in Yellowstone National Park, it can shoot water and steam over 180 feet high.



Geyser Word Search

- GEYSER
- HOT SPRING
- PRESSURE
- HEAT
- STEAM
- WATER

P	D	B	A	E	H	X	I	H	U
O	Q	Z	J	L	W	J	Y	O	C
X	G	C	O	Q	R	M	J	T	E
I	T	P	V	S	X	G	E	S	R
W	X	R	T	T	E	X	H	P	U
K	C	E	A	X	A	T	M	R	S
R	A	G	E	Y	S	E	R	I	S
M	E	F	I	H	D	Y	H	N	E
R	E	T	A	W	Z	U	V	G	R
C	D	T	N	Y	B	I	W	B	P

Word Scramble

What countries have most of the world’s geysers?

1. dteniu atsets _____
2. sarius _____
3. hclei _____
4. wne lzdnaea _____
5. naceidl _____

Geyser experiment supplies: diet cola or other soda, Mentos, paper, scissors, and tape

1. Cut a sheet of paper in two, roll half into a tube, and tape the seam.
2. Open the soda bottle, place the flat paper on top, and stand the tube on it over the opening.
3. Drop Mentos into the tube.
4. Pull the paper away so the mints drop into the soda.
5. Run and enjoy your geyser!



Scan to see a video of the experiment.



Word Scramble Answers: United States, Russia, Chile, New Zealand, Iceland