

# Cola and Mentos Geyser

## Need:

Large Soda Bottle

Mentos

Diet Coke

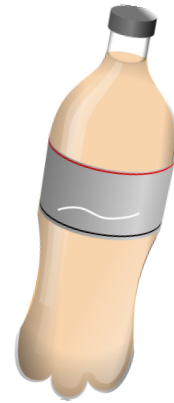
## How to:

Place the large soda bottle on a flat surface outside

Pour in the diet Coke

Crush up the mentos and place in tissue paper  
(Make sure its narrow enough to fit through  
the bottle neck)

Put in the mentos and jump back



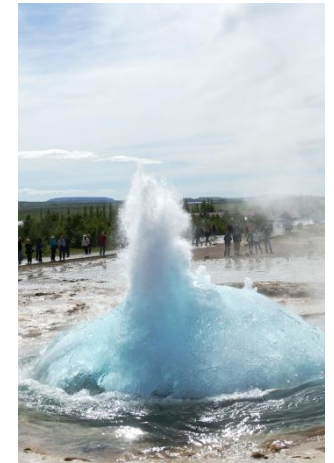
## ***Geysers are a Geothermal System:***

*When water underground is heated, and rises to the surface.*

## ***Geysers:***

*Geysers are hot springs which shoot up jets of boiling water and steam into the air.*

*Geysers are formed when pressure builds up beneath the ground this causes an eruption of hot water and steam*



## **Questions:**

How long before the eruption took place?

How tall was the geyser?

How long did the eruption last?

How much cola is left after the eruption has ended?

## ***Experiment with Variables:***

*What is the difference in the geyser when you use a whole mentos verse crushed mentos?*

*Is there a difference if you use fruit or mint flavoured mentos?*

*Whats the effect on the geyser if you use cola that has been in the fridge?*

