







#ExperimentsAtHome



Experiment shared by:
Amy Bishop-Powell, STEM Ambassador

LEMON VOLCANO	
Learning how acid and alkaline react with each other	
You will need:	
Bicarbonate of soda 	Food colouring 
Gloves 	Lemon 
Lollypop stick or similar 	Teaspoon 
How it works!	Instructions:
Lemons are rich in naturally-occurring citric acid. This acid reacts with the bicarbonate of soda and foams like lava coming out of a volcano.	<ol style="list-style-type: none">1. Cut your lemon in half and use the lollypop stick to mash the juicy part up slightly.2. Add a couple of drops of food colouring (red works best as looks like lava from the lemon volcano).3. With adult supervision and gloves on, add a couple of teaspoons of bicarbonate of soda.4. Watch your volcano erupt.
	Share your results!
	We'd love to see photos and videos of you doing the experiment. Please share on Twitter with hashtag #ExperimentsAtHome and tag in @STEM_HUBNMSEY Thank you!
PLEASE ASK FOR ADULT PERMISSION AND/OR SUPERVISION WHEN REQUIRED.	



We hope you have fun!