

Date: 30/03/20

Square

## English

Spelling shed

CGP - 1 section

Spag.com - Grammar - 75 (F)

Writing - Draw your own character/creature - make your character crazy as you want. Write a description of your character - as detailed as possible. Then, let your adult read your description (but don't show them your drawing!) and see if they can draw your character just by the description - does it look like yours?



## Reading

Reading - Rollercoasters

## Maths

Maths shed - Powers of 10

CGP - 1 section

## Topic

### Fireworks in a Glass



This is a very cool, simple and fun experiment, and also completely safe, just don't drink the water!

#### Method

- 1 Fill the tall glass with warm water.
- 2 Pour a small amount of oil into another container and add a few drops of food colouring.
- 3 Give it a good stir, if it doesn't mix, add a bit of water.
- 4 Pour the food colouring and oil mixture into the warm water and watch the fireworks!

#### The Science Bit

Oil and water don't mix. Also oil is less dense than water (meaning there is less of it in the same volume) and therefore floats on top of water in a nice layer. The food colouring we used was water based and therefore does not mix with the oil, instead it sinks through the oil into the water below. Since the addition of the colouring makes the food colouring heavier than the water, it sinks to the bottom leaving trails (resembling fireworks) as some of the colour diffuses into the water.

## Positive news



Minecraft offering free lessons to help kids off school

If you're at home and not able to go and see your friends and have normal lessons, then here's something that might help. Minecraft are trying to make things easier for you by giving people free access to educational content online, so now you can play games and learn at the same time. The game's developer, Mojang, announced that lessons are available within a new category on the game's marketplace.