

YEAR 7 & 8 LEARNING

NHEW4

MAP YOUR AREA

Draw a map of your local area. Make it as accurate as you can. You may choose to just show a small area around your house, or you may show a larger area in less detail. Which of these will you include?

1. A scale
2. A key
3. Something to show which direction is north
4. Street names
5. Individual houses



2

MOVIE STUDY

Watch a movie and summarise it. What was your favourite part?



3

MINECRAFT

Build your ideal dream bedroom that includes one way to exercise indoors & a study corner

TIK TOK CHALLENGE

Teach your whole family a tik tok dance.



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CAN YOU CRACK THE CODE?

Crack The Code



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7 9 3

One Number is correct and well placed

8 4 9

Nothing is Correct

3 1 7

Two Numbers are correct but wrong places

7 2 5

One Number is correct but wrong placed

8 9 1

One Number is correct but wrong placed

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.

FIREWORKS IN A GLASS

What you need:

Warm water, oil, tall glass, food colouring.

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 does not mix, add a bit of water.
4. Pour the food colouring and oil mixture into the warm water and watch the fireworks.

Record your observations.