

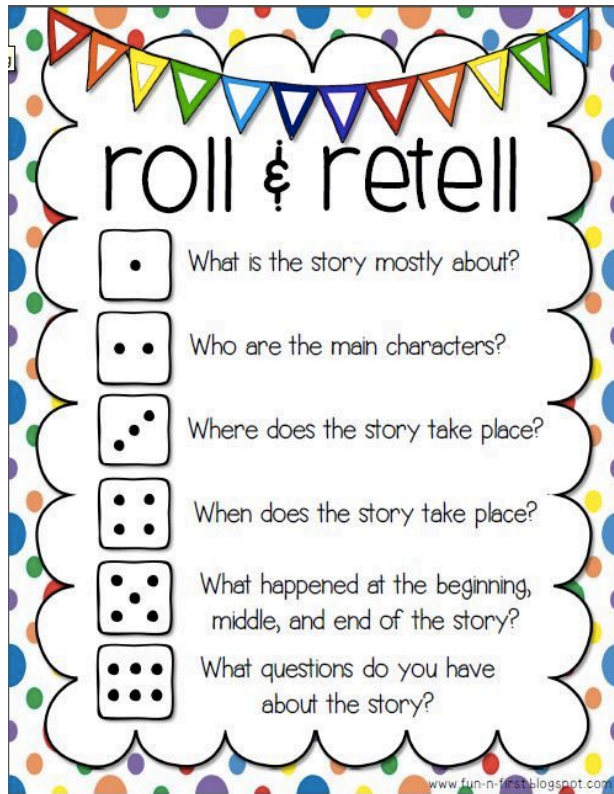


Y5 - Home Learning (29/06/20)

(Make sure you help with the household chores each day too)

Please tag @stpatsy5 on twitter with images of your work - we would love to see them!

Reading



Here are some reading

Useful websites

www.pobble365.com This resources gives you a fantastic image stimulus each day with different writing activities to do
www.visuwords.com a great website to help with synonyms and antonyms for your creative writing
<https://www.twinkl.co.uk/> Twinkl are offering their services free for a month. Parents can find lots of useful resources on there.
<https://primarystareducation.co.uk/covid-19-year-2/> Maths sheets for Year 2. Free if you make an account.
<https://www.tts-group.co.uk/home+learning+activities.html> Download the KS1 booklet for lots of activities.
TTrockstars.com - your log in was sent home in your home pack.
www.resonateonline.co.uk/yumu Mr Larkin has been setting you music tasks for your year group
<https://www.lightbulblanguages.co.uk/resources-sp-pz.htm> a great website for spanish games!

activities to try this week!

Writing

This week, I have attached a complete guide to Elves and Sprites! This pack contains many different activities that we follow in school such as synonym games, comprehension questions and persuasive writing. You don't have to complete the whole pack - but they're there if you would like them!

Spellings

- Marvellous
- Mischievous
- Muscle
- Muscle
- Necessary
- Neighbour
- Nuisance
- Occupy
- Occur
- opportunity

RE

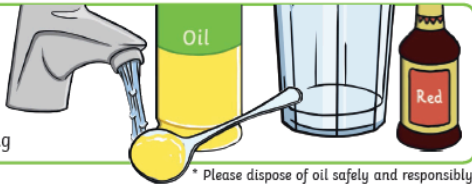
CAFOD - see below for activities.

Science

Fireworks in a Glass

You Will Need

- Warm Water
- Oil*
- A Tall Glass
- Food Colouring



* Please dispose of oil safely and responsibly.

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

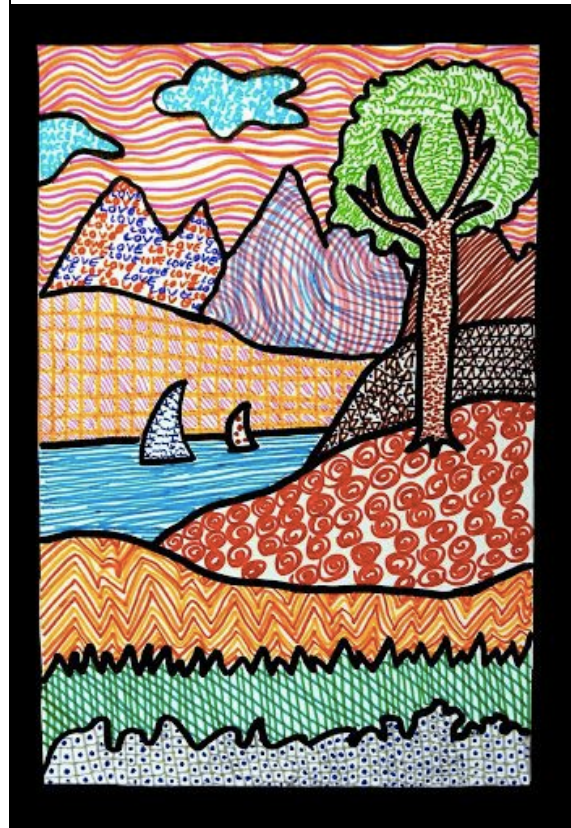
Oil and water don't mix. Also oil is less dense than water (meaning there is less of it in the same volume) and therefore floats on top of water in a nice layer. The food colouring we used was water based and therefore does not mix with the oil, instead it sinks through the oil into the water below. 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.

(Attached below)

Art

This week for art, I would like you choose a background of your choice e.g. park, lake, sea, beach, forest, dark night, etc and draw it out using a black pen - do not colour any of the insides.

Then, choose a different pattern and colour for each of the objects e.g. use stripes for the grass, swirls for the trees, circles for the sky. You will create something similar to the artwork below!



Maths

- Times table practice on doodle maths and TT rockstars - choose a times table that you struggle with and focus on it for a week. Time yourself on Monday, then Friday - see what the difference is!

This week, I would like you to try some white rose hub maths activities. This week, the topic is multiplication!

RE:

Below, is a list of statements. I would like you to decide which is good stewardship and which is not. You can make a collage out of all the positive points on the world template, and put the poor ones in a recycling bin template.

Statements: Jon gave some of his birthday pocket money to CAFOD.

Jill bought a new pair of shoes, wore them for a week and then decided that she didn't want to wear them anymore.

Kim leaves the tap on when cleaning his teeth, but he has really quick showers.

Joe went to London to go on a march to protect the world against Climate Change. Joe travelled to London by car (the journey took 4 hours).

Dad fills the kettle full to the top when he is making a cup of tea for himself.

In Miss Jones' class the children write on both sides of the page in their exercise books.

When the Banks family moved to a new house they took their curtains with them and altered them to make them fit the new windows.

Each week the children take turns to pick up litter from the school playground.

The school council persuaded their teachers to drink Fairtrade tea and coffee.

The local supermarket gives out free plastic bags. The water pump in Kalisowe,

Zambia is powered by solar panels.

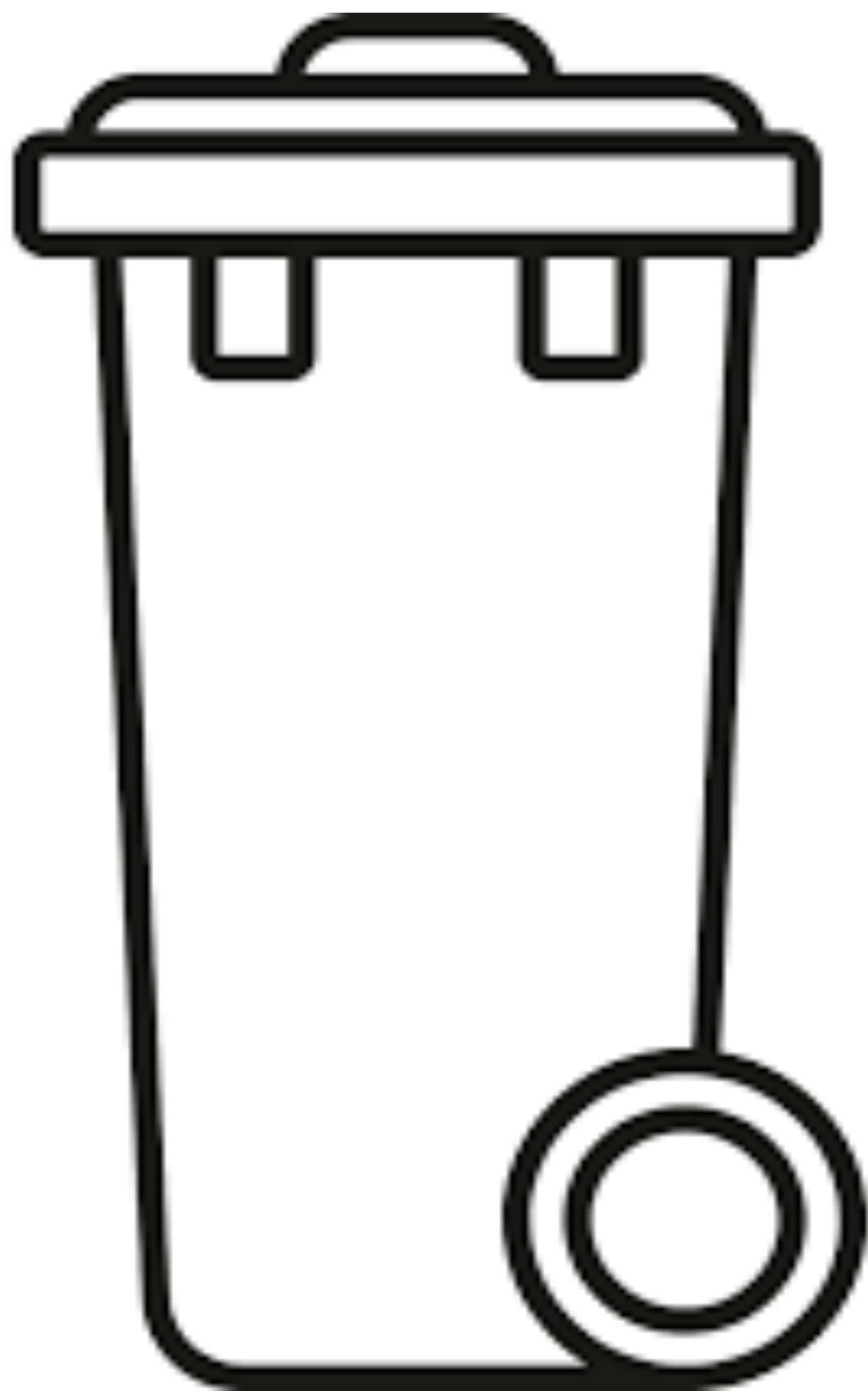
In Rwanda plastic bags have been banned.

The gold mining company in Honduras have allowed deadly chemicals used to clean the gold to leak into the water supply and make local people very ill.

At a plastic-bottle recycling centre in East Timor they are looking at ways to recycle and reuse. It only takes one plastic cup to make a pencil and twentyfive plastic bottles can be reused to make a fleece jacket.

The president of a country uses his aid budget to buy limousines for the politicians.

A big office block leaves its lights on all night for security reasons, wasting huge amounts of energy.

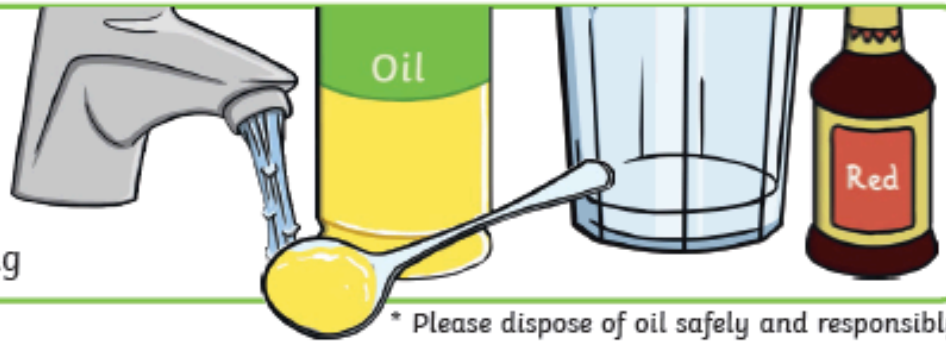




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The Science Bit

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.

Multiply by 10, 100 and 1,000

1 Complete the multiplications.

a)

Th	H	T	O
			7

7×10

b)

Th	H	T	O
		3	9

39×10

c)

Th	H	T	O
	2	0	5

205×10

d) What happens to the digits when you multiply by 10?

2 Complete the multiplication sentences.

a) $9 \times 10 = \square$

d) $126 \times 10 = \square$

g) $20 \times 10 = \square$

b) $54 \times 10 = \square$

e) $\square \times 10 = 320$

h) $\square \times 10 = 5,000$

c) $10 \times 13 = \square$

f) $10 \times \square = 1,350$

3 Multiply each number by 100 and then by 1,000

a)

HTH	TTh	Th	H	T	O
					9

9×100

$9 \times 1,000$

b)

HTH	TTh	Th	H	T	O
					1

16×100

$16 \times 1,000$

c) 245×100

HTH	TTh	Th	H	T	O
			2	4	5

$245 \times 1,000$

d) Explain to a partner how you multiply a number by 100

Ask them to explain how to multiply by 1,000

4 Work out the multiplications.

a) 45×100

c) 41×10

52×100

41×100

70×100

$41 \times 1,000$

b) 612×100

d) 10×952

715×100

100×952

720×100

$1,000 \times 952$

5 Write $>$, $<$ or $=$ to make the statements true.

a) 78×10

78×100

c) 930×10

100×93

b) 100×56

65×100

d) $1,000 \times 482$

482×100

6

$54 \times 1,000$
is the same as
 $54 \times 10 \times 10 \times 10$



Is Rosie correct?

Explain how you know.



Multiply by 10, 100 and 1,000

c)	HTH	TTh	Th	H	T	O	245 × 100
				2	4	5	245 × 1,000

- d) Explain to a partner how you multiply a number by 100. Ask them to explain how to multiply by 1,000.

- 4 Work out the multiplications.

- a) 45×100 c) 41×10
 52×100 41×100
 70×100 $41 \times 1,000$
 b) 612×100 d) 10×952
 715×100 100×952
 720×100 $1,000 \times 952$

- 5 Write >, < or = to make the statements true.

- a) 78×10 78×100 c) 930×10 100×93
 b) 100×56 65×100 d) $1,000 \times 482$ 482×100

- 6 $54 \times 1,000$ is the same as $54 \times 10 \times 10 \times 10$

Is Rosie correct?

Explain how you know.

- 7 Complete the multiplication sentences.

- a) $52 \times \square = 5,200$ f) $\square \times 370 = 3,700$
 b) $95 \times \square = 950$ g) $\square \times 100 = 8,200$
 c) $136 \times \square = 1,360$ h) $\square \times 100 = 82,000$
 d) $272 \times \square = 272,000$ i) $\square \times 10 = 39,000$
 e) $6,200 = \square \times 62$ j) $1,000 \times \square = 80,000$

- 8 Ron and Dani have paper rounds.

Ron delivers 75 papers a month.
 Dani delivers 10 times as many papers a month as Ron.
 How many papers do they deliver altogether?

- 9 Mrs Hall owns a bookshop.

- In January, she sold 145 books.
 - In February she sold 10 times as many books.
 - In March she sold 10 times as many books as in February.
- How many books did Mrs Hall sell in March?
 Show your workings.

Compare answers with a partner.

- 10 Amir thinks of a number.

He multiplies it by 100.
 The answer has the same digit in the thousands and hundreds columns.
 The total of all the digits is 8.
 What could the number be?