



## HOME LEARNING

YEAR 5

23/04/2020

### Morning Message

Buenos días Year 5,

We hope you enjoyed yesterday's learning and wrote some fantastic diary entries from The Creators.

What interesting creatures they are! Today you have a new picture to use to write a character description of Samuel Diggle and you will continue your work on multiplying fractions. Make sure you are working on your Queen Victoria biography every day and we can't wait to look at them. During this period we would love if you all tried to do something new such as cooking or learn a new hobby.

Mr McCann has set himself the challenge of completing 'Coach to 5k' after disliking running previously and Ms Gayer has been going on lots of long bike rides.

#### Answer to yesterday's riddle:

Your fingers

#### Today's riddle:

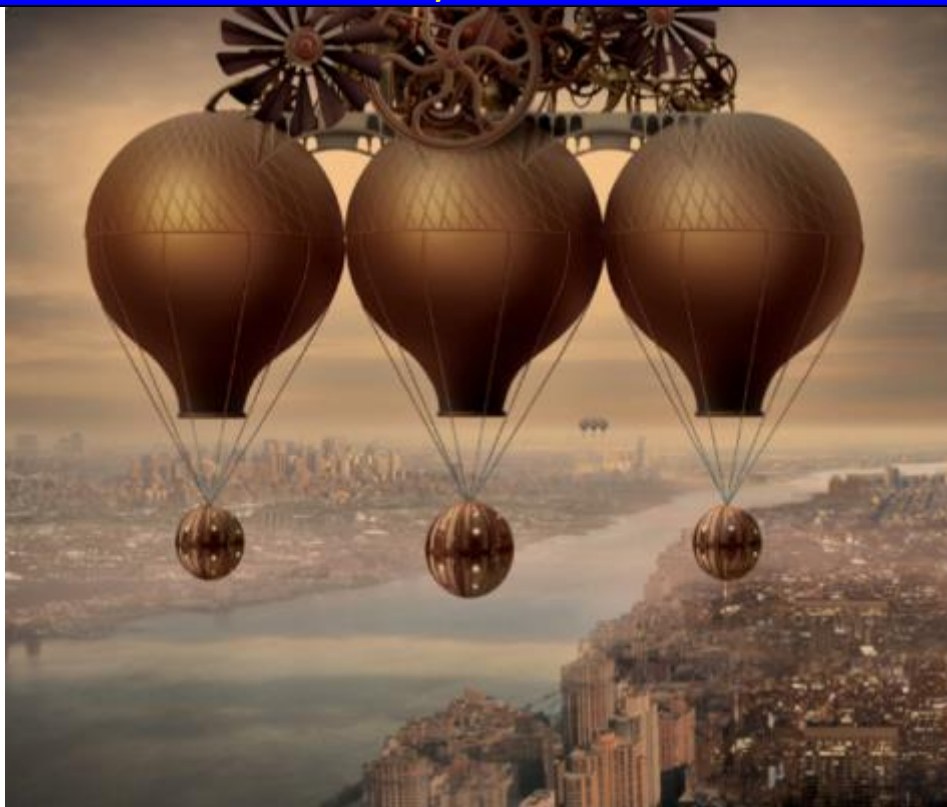
What word is spelled wrong in the dictionary?

Keep positive,

Mr McCann and Ms Gayer

Ps. Check Mathletics for this work's work!

### Today's Picture



Writing

## READ ALL ABOUT IT: Genius Inventor Discovers New Way To Travel!



A new and innovative way to travel has this very week been invented by London based inventor, Samuel Diggle. Is it a bird? Is it a plane? No – it's the magnificent eco-friendly flying machine 'Zepper 2016.' For years, scientists and inventors have been striving to 'scratch' the current global 'itch' that is sustainable and eco-friendly energy. This could finally be it! Diggle's new creation is not only cheap to construct, but relies solely upon natural energy sources! When interviewed yesterday morning on national television, Diggle delightedly spoke of his invention: "I believe I really am the most extraordinary man on the planet! My invention will change the way people travel, and change the way the world works. Sustainable energy, reduced carbon emissions and cleaner travel! I'm very proud of myself, and certainly can't wait to see people using the Zepper 2016 in their everyday lives!"

Time will tell whether Diggle's self-proclaimed brilliance is indeed brilliant, or whether it is, in fact, a load of 'hot air'!

Your task: To write a character description of Samuel Diggle. As you can see above we are not given any description of him so it is up to you to describe Diggle in your own way. Is he old? Is he young? Try to picture him in your head before you begin writing.

Ext: Draw Samuel Diggle under your character description

Hints to help:

- describe the character's appearance? 
- describe the character's background/past?
- describe how the character speaks? 
- describe how the character moves?
- describe the character's actions, thoughts and feelings?
- describe the character's personality? 
- include figurative language to enhance my description?  
*e.g. His heart swelled with a sea of tears, her whining voice sounded like the screech of an untuned violin...*

- include relative clauses and parentheses?

## Reading

### Day 4 – Write your questions

Using the extract from *The Boy at the Back of the Class* practise writing:

- x3 on the line questions
- x3 between the lines questions
- x3 beyond the text question

Once you have finished ask your parent or sibling to answer them for you and mark their answers.

**Tips to help:**

**On-the-line questions**

Remember, these are simple questions that the reader can find and retrieve from the text.  
e.g. How many times did Amina practise her speech before?

**Between the lines**

Remember, these are questions that you need to *infer* (work out) from clues in the text. The answer is not always obvious.

e.g. Which words tells us that Amina is frightened?

**Beyond the text questions**

Remember, these are questions you can link to your own life experiences or perhaps to other art (books, films, tv) that you have encountered. The answer to these questions is not written in the text – the reader needs to work out the answers.

e.g. Have you ever felt like Amina? Describe the situation.

## Maths

Fractions (Lesson 4)

Multiplying fractions

Today you will multiply a whole number and a mixed number together using a method of converting the mixed number to an improper fraction before multiplying. Remember you can represent the improper fraction as a bar model to help you convert it to a mixed number.

**Key vocabulary:** whole, part, fraction, multiply, improper fraction, covert and remainder



- 1** a) How far does the glacier travel in 3 days?
- b) How many days will it take the glacier to travel more than 15 yards?

## Share

- a) The glacier moves  $1\frac{3}{4}$  yards each day.

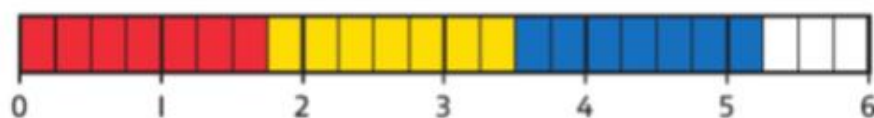
Multiply  $1\frac{3}{4}$  by 3 to work out how far it moves in 3 days.



I converted  $1\frac{3}{4}$  to an improper fraction. I then multiplied by 3.



$$1\frac{3}{4} = \frac{7}{4}$$



$$\frac{7}{4} \times 3 = \frac{21}{4} = 5\frac{1}{4}$$

The glacier travels  $5\frac{1}{4}$  yards in 3 days.

- b) Multiply  $\frac{7}{4}$  by different numbers until the answer is greater than 15.

$$\frac{7}{4} \times 6 = \frac{42}{4} = 10\frac{2}{4}$$

$$\frac{7}{4} \times 7 = \frac{49}{4} = 12\frac{1}{4}$$

$$\frac{7}{4} \times 8 = \frac{56}{4} = 14$$

$$\frac{7}{4} \times 9 = \frac{63}{4} = 15\frac{3}{4}$$

I used trial and error to find the correct answer.



After 9 days, the glacier has moved more than 15 yards.



A different method:

How many  $\frac{1}{4}$  in 15 yards?  $15 \times 4 = 60$ .

So, 15 yards is the same as 60 quarters or  $\frac{60}{4}$  yards.



Every day, the glacier travels  $\frac{7}{4}$  yards.

$$\frac{7}{4} \times ? > 15 \quad = \quad \frac{7}{4} \times ? > \frac{60}{4}$$

The missing number must be 9, because  $7 \times 9$  is 63 and this is the first number in the 7 times-table that is greater than 60.



After 9 days, the glacier has moved more than 15 yards.

I compared fractions to work out what I need to multiply by.

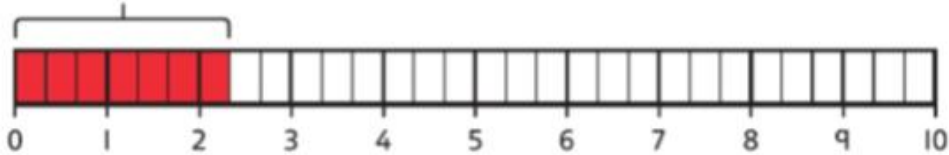


## Think together

- 1 Olivia runs  $2\frac{1}{3}$  km every hour. How far does she run in 4 hours?



1 hour



$$\frac{[ ]}{3} \times 4 = \frac{[ ]}{3} = [ ] \frac{[ ]}{3}$$

Olivia runs  $[ ] \frac{[ ]}{[ ]}$  km.

- 2 a) Kate has worked out  $1\frac{3}{5} \times 4$ .

Explain Kate's method to a friend.  
You can use diagrams to help you explain, if necessary.

$$\begin{aligned} 1\frac{3}{5} \times 4 \\ 1\frac{3}{5} &= \frac{8}{5} \\ \frac{8}{5} \times 4 &= \frac{32}{5} \\ \frac{32}{5} &= 6\frac{2}{5} \end{aligned}$$

- b) Use Kate's method to work out  $3\frac{1}{2} \times 5$  and  $9 \times 1\frac{1}{10}$ .

- 3 Here are some fractions and whole numbers.

$$1\frac{1}{3} \quad 2\frac{1}{3} \quad 3\frac{2}{3} \quad 3\frac{1}{4}$$

$$3 \quad 6 \quad 9 \quad 12$$

Multiply each of the fractions in the top row by each number in the bottom row. Do you notice any patterns?



You can use the method from this lesson or the last lesson to help you.

CHALLENGE

Now complete pages 116-118 in your power maths books.

Tuesday and Thursday: Go on the Mathletics website to complete the tasks that have been set.  
<https://www.mathletics.com/uk/>

## Weekly Spellings

During summer term, we will be recapping on all the spelling rules that we have learnt over the past two terms. The rule for this week is **endings spelt –cious or –tious**. Please practise learning the words every day by putting the words in sentences and get an adult to test you on Friday.

e.g. Since he is known for capricious behaviour, Tom's friends were nervous to tell him the bad news.

malicious  
delicious  
conscious  
capricious  
ferocious  
gracious  
pernicious  
spacious  
precious  
vicious  
nutritious  
cautious  
superstitious  
sententious  
infectious  
ambitious  
scrumptious  
conscientious  
surreptitious  
repetitious

## Foundation Work (for the week)

### The Victorians

This week you will be researching the life of Queen Victoria and writing a biography of her life. This task has been set for you on Purple Mash. Go to the red To Do button at the top left of your screen. When you have finished your work for the day, click on the red arrow at the top right of the screen and then save and exit. You will be asked if you want to continue the work or hand it in. Only hand it in when you have finished your weekly task and then your teacher can look at your work.

Queen Victoria



En Hi Li

Write about the life of Queen Victoria

## Diary

Write a diary of what work and activities you did today. Remember to include your emotions and opinions.