



HOME LEARNING

YEAR 6

10/06/2020

Morning Message

Good morning Year 6,

Remember to keep the riddles and jokes coming on Purple Mash!

The answer to yesterday's riddle is: *the post office*. Today's riddle is from Luna: *I shave every day but my beard stays the same. What am I?*

Today's joke is from Oliver W: *Did you know the first French Fries weren't actually made in France? They were cooked in Greece*

Have a great day,

Mr Larke and Ms Yerlisu

Week's Picture



Writing

Wednesday and Thursday LO: to write the body of a persuasive speech

Today and tomorrow you will be writing the main body of your persuasive speech. This will be using the plan you made on Monday. If you planned 4 paragraphs, then you would write 2 paragraphs on Wednesday and 2 on Thursday. Just carry on writing after your introduction – do not worry about writing the LO. Here you will need to take the ideas you had on Monday and write detailed paragraphs about each of them.

Example on 'how easy it is to use' paragraph

Maurice is incredibly easy to use with a simple set-up and instinctive controls. When a customer has charged him for the first time, they will need to ensure that their voice is recognised. The booklet that is included gives simple, easy-to-follow instructions on how to do this. The next step is to ensure that the fridge-freezer is fully stocked with milk and flavourings (all of which can be bought from our online stores thus maximising further profit). Then, voila! Maurice is then ready to go! It is as simple as that. Battery life lasts over 24 hours and Maurice is capable of understanding 15 different voice commands ranging from "Bring me a chocolate milkshake" to "turn off" to "return to charging point".

Success criteria:

- include a range of formal and informal language. Formal to ensure you sound professional and knowledgeable about your product; informal to build connection with audience
- include facts/statistics about your product
- proof-read and edit every sentence

Reading

Day 3: Teacher questions. Answer in full sentences.

1. Find and write all the words that the author uses to describe the spell's movement in paragraph 1 (page 1)
2. Why does Rayne suddenly become tired in paragraph 2? (page 1)
3. Which phrase tells us that Rayne's mum is thinking hard? (page 1)
4. What does the word *hoist* tell us about lifting the *Spell of Strength*? (page 1)
5. Why do the council want the Spell of Speed to help with the ploughing? (page 2)
6. How does Rayne feel about learning to 'mindwrite'? Find evidence from the text to prove your answer (page 2)
7. What does it mean to *tear your gaze* from something? (page 2)

Maths

In this lesson, you will learn to find fractions of amounts in various contexts.

Example

Work out $\frac{3}{4}$ of 16.

First work out $\frac{1}{4}$ of 16, by dividing 16 by 4.

$\frac{1}{4}$ of 16 is 4.

Then multiply the answer by 3 to work out $\frac{3}{4}$.

$\frac{3}{4}$ of 16 is $3 \times 4 = 12$.

Fractions of an amount – finding fractions

What process do we use to find fractions of amounts?

When we find $\frac{1}{4}$ of 20, we are sharing 20 into 4 groups. We use **division** to find fractions.

- 1 Warm up with this puzzle. Use division to find the answer to each clue. The solved puzzle will tell you the name of a very important day of the year.

2 11 25 4 9

3 8 5 75 10

9 8 50

$$L = \frac{1}{4} \text{ of } 16$$

$$Y = \frac{1}{2} \text{ of } 100$$

$$A = \frac{1}{12} \text{ of } 96$$

$$D = \frac{1}{7} \text{ of } 63$$

$$O = \frac{1}{2} \text{ of } 22$$

$$S = \frac{1}{100} \text{ of } 1,000$$

$$H = \frac{1}{4} \text{ of } 300$$

$$T = \frac{1}{11} \text{ of } 55$$

$$M = \frac{1}{3} \text{ of } 9$$

$$W = \frac{1}{2} \text{ of } 4$$

$$R = \frac{1}{4} \text{ of } 100$$

Put this date in your diary! Tell your friends!



2 We use fractions of time regularly in our lives. Use the clock to work out:

- a What fraction of an hour is 15 minutes?
- b What fraction of an hour is 30 minutes?
- c What fraction of an hour is 45 minutes?
- d What fraction of an hour is 20 minutes?



- e If Lucas practises guitar from 4:20 to 4:35 each day, what fraction of an hour does this represent?
- f Patrick practises football for 1 hr 15 min. How would you express that as an improper fraction?
- g Find 3 time spans that represent $\frac{1}{3}$ of an hour.

_____ to _____ _____ to _____ _____ to _____

Fractions of an amount – finding fractions

Once we know how to find one part of a group, we can use this to find other fractional amounts:

To find $\frac{2}{3}$ of 9, we first find $\frac{1}{3}$ of 9 \longrightarrow $9 \div 3 = 3$ $\frac{1}{3}$ of 9 = 3
 $\frac{2}{3}$ of 9 is 2 times this \longrightarrow $2 \times 3 = 6$ $\frac{2}{3}$ of 9 = 6

3 Find the following fractional amounts:

- a $\frac{2}{4}$ of 12 = b $\frac{5}{6}$ of 30 = c $\frac{3}{4}$ of 24 =
- d $\frac{3}{8}$ of 96 = e $\frac{9}{10}$ of 20 = f $\frac{3}{5}$ of 350 =

4 The Walsh children fight like cats and dogs over computer time and their dad has had enough. He has drawn up a schedule and says that if they don't stick to it, he will hide the keyboard till Christmas and cut off the internet. Help the children work out their daily allocation and save them from a fate worse than death:

a How many minutes does each child get each day?

Dylan

Nina

Natasha

b How many minutes must Dylan spend studying?

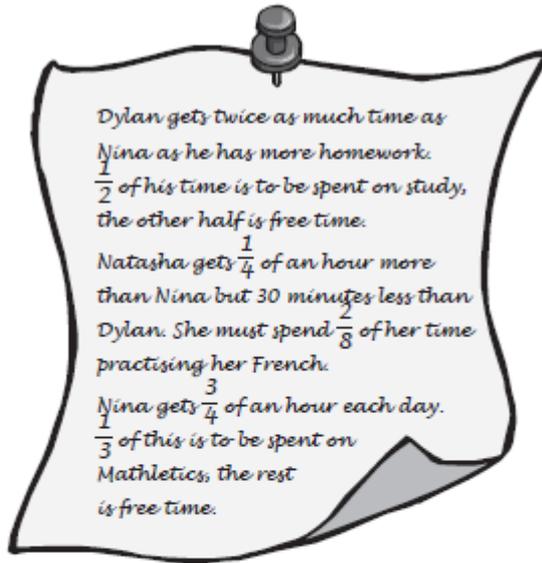
c How many minutes will Nina spend on Athletics?

d Express the time allocations as fractions of an hour:

Dylan

Nina

Natasha



This one is a puzzle. Read all the clues carefully – one of them is your starting point. Once you have solved that all important first clue, the rest will follow.

Trick or treat!

apply



Getting ready

Sam and his mates decide to go trick or treating one Halloween. They then divvy up the loot.



What to do

Use the chart on the right to work out the answers to the problems below:

Total

50 mini chocolate bars
18 gob stoppers
16 Chuppa Chups
12 Wizz Fizzes
4 all day suckers
2 Easter eggs
1 turnip



- a In the opening round, Sam gets $\frac{2}{5}$ of the mini chocolate bars and $\frac{1}{4}$ of the Chuppa Chups. How many of each does he get?
- b George wanted all the gob stoppers. In a tense negotiation with Sam, he managed to score $\frac{2}{3}$ of them. How many did he get? How many did he miss out on?
- c To get his share of the gobstoppers, Sam has to trade off $\frac{1}{2}$ of the Chuppa Chups he received in Question a. How many does he lose?
- d Mara gets all the Wizz Fizzes, $\frac{1}{2}$ the all day suckers, and the remaining $\frac{3}{5}$ of the chocolate bars. In total, how many items does she get?

Weekly Spellings

You should continue to revise words/spelling patterns from the KS2 National Curriculum that you have identified as necessary. We have provided a bank of words for you to begin learning if you feel you are totally secure in your knowledge of KS2 words. Remember, it is more important that you revise all necessary spelling patterns first.

The following words are from word banks that you will begin to learn at secondary school. These particular words contain what are known as 'unstressed' vowels. That means when you speak the words, you don't sound out all the vowels e.g. *abominable* You don't really hear the *i* vowel when reading it. Your job for week 2 is to learn the words in first list ie. from *conference* to *doctor*

abandoned	conference	easily	generous	library	offering	similar
abominable	consonant	explanatory	geography	literacy	original	skeleton
alcohol	corporal	extra	grammar	literate	parallel	smuggler
animal	deafening	factory	heaven	literature	parliament	stationary
astronomy	definite	familiar	history	locomotive	poisonous	stationery
benefit	definitely	family	holiday	lottery	predict	telephone
boundary	describe	fattening	hospital	margarine	prepare	television
business	description	February	illiterate	marvellous	primary	vegetable
carpet	desperate	flattery	interest	mathematics	prosperous	voluntary
category	dictionary	formal	interested	medicine	reference	Wednesday
Catholic	difference	freedom	January	memorable	Saturday	widening
centre	different	frightening	jewellery	messenger	secretary	
company	disinterest	general	journalist	miniature	separate	
compromise	doctor	generally	lettuce	miserable	signature	

Foundation Topic Work (for the week)

This week, continuing with our science topic of electricity, we will be looking at the inventor Thomas Edison, who developed the first commercial light bulb. Your job is to research his life then write a fact file about his life and invention. The task has been set for you on Purple Mash.

Diary

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