



## HOME LEARNING

YEAR 6

03/06/2020

### Morning Message

Good morning Year 6,

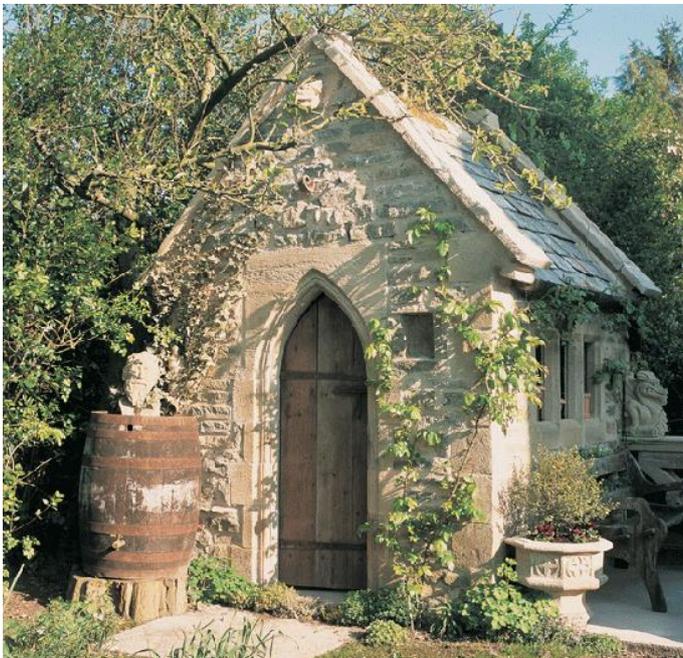
Thank you to those of you that have included jokes with the Purple Mash homework. They're certainly making us laugh – keep them coming! We will include some in next week's home learning.

Today's joke: *What did the left eye say to the right eye? Between you and me, something smells!*

Have a great day,

Mr Larke and Ms Yerlisu

### Week's Pictures



## Writing

### Wednesday LO: to introduce a problem to a story

Today, you will be introducing the problem to the story.

Maybe the wizard needs your hero to travel to a magical world to find something? Maybe the wizard will not let the hero leave until they have helped him collect all the frogs running around his house? Maybe the wizard needs your hero to help keep him hidden from other humans until he can return to his own magical world? It's up to you!

Write a couple of paragraphs introducing the problem to the story.

Include correctly punctuated speech where necessary. Be as dramatic as possible!

## Reading

### Day 3: Teacher-led questions

Answer the following questions in full sentences:

1. Which descriptive words does the narrator use in paragraph 1 to make the face nightmarish?
2. Which type of vehicle does the narrator always see on fire in their dreams? (paragraph 2)
3. When the narrator would awake from this nightmare, why did they know that it wasn't yet over? (paragraph 3)
4. Where does Grandpa live? (paragraph 3)
5. What do you think the word *taciturn* tells us about Grandpa? (paragraph 4 – try to work it out from context before checking a dictionary)
6. What does the narrator do to stop themselves looking at Grandpa? (paragraph 4)
7. Describe a dream you have had recently. Write a paragraph describing it in as much detail as possible – try to make it come alive.

# Maths

## FUNCTIONAL MATHS

### THE FRUIT FARM

In the first question, you need to use the formula. For each section you have to show your method and calculations. Every question requires a formal method (long multiplication, short division etc.)

1)

Maha owns a fruit farm.

Each day she pays workers to pick the fruit.

Maha uses this rule to work out each worker's pay.



Phil is one of the workers.

One day he picks 60 kg of fruit.

(a) How much does Maha pay Phil?

### Extension questions

- 1) If Phil earns £120. How many kg of fruit did he pick?
- 2) If Phil works 6 days a week and picks 60 kg of fruit each day. How much would he earn in a week?

Maha grows apples to make juice.

Last year she made 15 000 bottles of apple juice.

This year Maha has 36 000 kg of apples for juice.

She uses 2 kg of apples for every bottle of juice.

Maha's target is to make 2000 more bottles of apple juice than she made last year.

(b) Will Maha reach her target?

### Extension questions

- 3) Maha prepared 1540 bottles of apple juice. How many kg of apple does she need for 1540 bottles?
- 4) She sells each bottle for 87p. How much does she make for 1540 bottles of apple juice?

### Question Two-

The mean is the average of a set of numbers. To find the mean of a data set, add up all of the numbers in the set, and then divide that total by the number of numbers in the set.

Remember you can add numbers in steps. Use a formal method.

2)

Sally is the manager of the farm cafe.

Sally wants to find out if the cafe business is getting better.

Each week she calculates the mean daily amount spent in the cafe.

The table shows the total amount spent in the cafe each day last week.

| Mon  | Tues | Wed  | Thurs | Fri  | Sat  | Sun  |
|------|------|------|-------|------|------|------|
| £475 | £550 | £375 | £425  | £650 | £925 | £975 |

Sally calculates that last week's mean daily amount is £625

- (a) Is Sally right?  
Show why you think this.

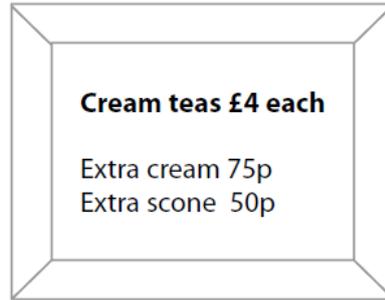
### Extension questions

- 5) On which day was the least spend time in the cafe?
- 6) If the mean was £610 for a week. How much was the total amount spent in café?  
(a week- 7 days)

Three friends, Brian, Sue and Rana visit the cafe.

They all have a cream tea and an extra scone.

Brian also has extra cream.



Here is the bill.

|                  |        |
|------------------|--------|
| Cream teas ..... | £12.00 |
| Extras .....     | £ 1.50 |
| Total .....      | £13.50 |

Sue says the bill is wrong.

(b) Check the amounts shown on the bill.  
Is the bill wrong?

In section c, you need to calculate how much 1 kg of strawberries cost. You can convert the mixed number  $4\frac{1}{2}$  into decimal number. Or you can convert pounds to pence and find out how many  $4\frac{1}{2}$  goes in 1575.

People can pick strawberries on the farm.  
They pay for the strawberries they pick.

Brian picks  $4\frac{1}{2}$  kg of strawberries.

He pays a total of £15.75

Sue wants 500 grams of strawberries.

Brian says she can buy them from him for the same price he paid.

(c) How much should Sue pay Brian for 500 grams of strawberries?

Extension questions

7) Bella picks 3.5 kg of strawberries. How much would she pay?

8) How much is 100 grams of strawberries?

## 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 1 is to learn the words in first list ie. from *abandoned* to *compromise*

---

|            |             |             |            |             |            |            |
|------------|-------------|-------------|------------|-------------|------------|------------|
| 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)

Our topic for humanities this half-term is the country of Wales. Your task this week to carry out some independent research about its capital city: Cardiff. Then write a tourist brochure advertising 3 of Cardiff's main attractions. 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.