



## HOME LEARNING

YEAR 6

28/04/2020

### Morning Message

Good morning year 6,

How are your goals going for the week? Decided to try something new? We are looking forward to hearing all about your attempts when we get back to school. Perhaps you will find a new passion...

The answer to yesterday's riddle is *secret*. Today's riddle is *What has been around for millions of years but is never more than a month old?*

Mr Larke and Ms. Yerlisu

### Today's Picture



## Writing

Today we will be writing our first piece of poetry. Using the above picture as inspiration, write any style of poetry you choose. This could be any of the following (or another if you choose). You might need to research these styles to help you remember them:

- haiku
- sonnet
- free verse
- acrostic

Think about what the image represents as well as what you can see

ie. you might write a poem about old journeys no longer being possible (as the tracks have been grown over). Maybe you'll link the tunnel to being trapped or claustrophobic. Maybe you'll write a poem about nature providing new life to old things. It's up to you....

## Reading

### Day 2: Glossary

**Find definitions for the words you did not understand. Write which type of word it is e.g. noun, verb etc.**

**Use the words in a sentence.**

**If the word is a verb then write sentences using different tenses.**

**Choose some of the trickier words to define if you think you know them all.**

**Spend the rest of the week using any new words as much as possible!**

## Maths

In this lesson, you will solve more complex problems about time involving two or more steps. You will convert between units of time to calculate and compare. You will also draw on understanding of timetables, the number line, measurement and statistics.

### Tips

- Understand why timetables usually use the 24-hour clock. Am and pm or 8am and 20pm
- Interpret time on a line graph; use the scale accurately and when calculating intervals. Question 3; check the intervals on horizontal line. There are 4 intervals. That means each interval represent 15 minutes.
- Understand the relationship between given numbers or measurements and how this can be used to help solve the challenge problem. Find out how much it would cost 5 min drive for each taxi companies.



## Power Up

Solve the calculations using a written division method.

$25 \div 4 = \square$

$43 \div 5 = \square$

$39 \div 6 = \square$

$74 \div 5 = \square$

$58 \div 8 = \square$

$65 \div 2 = \square$

$135 \div 6 = \square$

$231 \div 4 = \square$

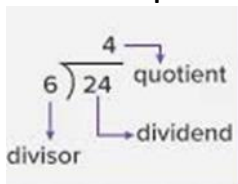
$362 \div 5 = \square$

Example -Use a written method such as bus stop or chunking or partitioning method. Remember, answers should be in decimals not with remainders. All answers in decimals.

$25 \div 2 = 12.5 \quad \text{or} \quad 20 \div 2 = 10 \quad 5 \div 2 = 2.5 \quad 10 + 2.5 = 12.5$

Tip

Remember you can carry calculation by adding 0 to the remainder after the decimal point to the quotient.



$8^{39} 40 \div 5 = 17.8$

blue remainder

red adding zero after decimal point

## Problem solving – time 2

### Discover



I need to be in Stanton by 1:25 pm.

Winbeechech

11:43

**Train timetable**

Peterbrook	10:10	10:40	11:10	12:10
↓				
Winbeechech	11:05	11:35	12:05	13:05
↓				
Kings Hill	11:40	12:10	12:40	13:40
↓				
East Willow	11:58	12:28	12:58	13:58
↓				
Stanton	12:13	12:43	13:13	14:13
↓				
Downhurst	12:38	13:08	13:38	14:38

Sofia

- 1 a) How many minutes will Sofia have to wait for her train?  
b) The same journey by bus takes double the time.

The bus arrives in Stanton at 13:10.

What time does it leave Winbeechech?



## Share

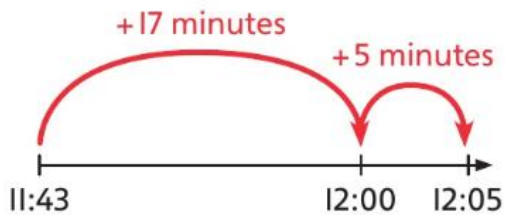
- a) Sofia needs to be in Stanton by 1:25 pm.

This is 13:25 using the 24-hour clock.

She can take the 12:05 from Winbeeche, arriving at 13:13.

The time now is 11:43.

Use a time line to check how long she must wait.



Sofia will have to wait 22 minutes for her train.

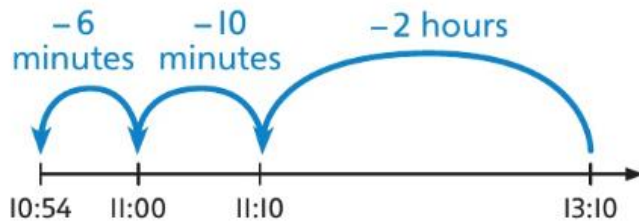
The timetable uses the 24-hour clock. I need to convert 1:25 pm to a 24-hour time first.



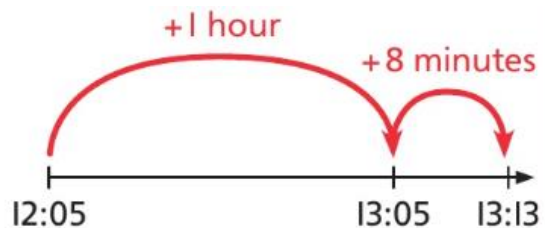
- b) The bus journey takes double the time of the train journey.

The train journey is 1 hour 8 minutes so the bus journey is 2 hours 16 minutes.

The bus arrives in Stanton at 13:10.



The bus leaves Winbeeche at 10:54.



I can use a time line to subtract 2 hours 16 minutes to find out the time the bus leaves Winbeeche.



## Think together

1 Sofia meets Jen at the sports centre in Stanton to play badminton.

The cost of hiring the court is £2.95 per 20 minutes.

The cost of hiring a racquet is £2.60 each.

Sofia and Jen play from 14:00 to 15:40.

How much do they pay together in total?

There are several steps to these problems. I must check that I have answered each step.

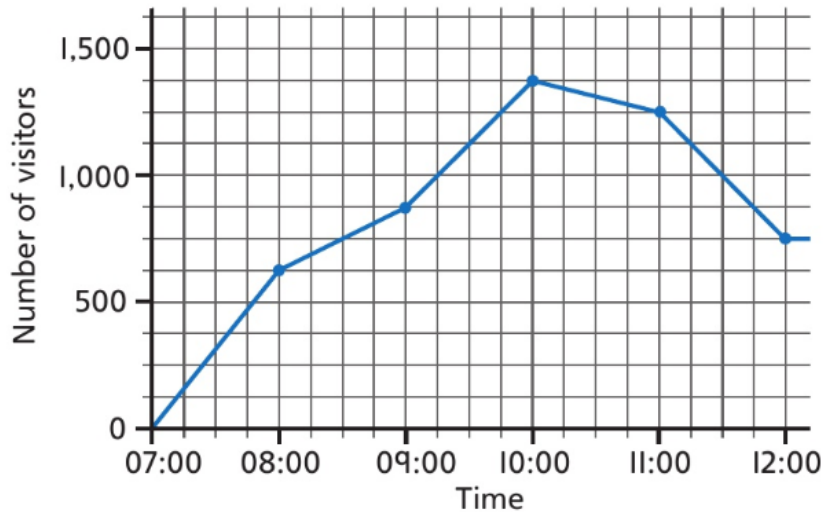


2 Here is the timetable showing the use of the badminton courts each weekend.

Times	Saturday	Sunday
08:30–10:30	lessons	for hire
10:30–12:00	for hire	lessons
12:00–14:15	competition	competition
14:15–16:00	for hire	lessons
16:00–17:30	lessons	for hire
17:30–20:45	for hire	closed

- a) What is the total number of hours for which the courts are used for lessons?
- b) The courts are available for hire on both days.  
For how much longer are they available on Saturday?

- 3 The time graph shows the number of visitors to the sports centre one Saturday morning.



- a) At what times were there 750 visitors?
- b) For how many minutes were there 1,000 or more visitors at the sports centre?

- 4 There is a swimming pool at the sports centre.

The pool is 35 metres long and 16 metres wide.

Holly swims 18 lengths in 45 minutes.

Toshi swims 80 widths in  $1\frac{1}{2}$  hours.

Who is the faster swimmer?

CHALLENGE



Toshi swims for longer but he is only swimming widths.

I think I need to find out how far each person swam first.



Power Maths Book- 75, 76, 77  
Check Mathletics

## Weekly Spellings

This week we will be learning/revising the final 25 words from the spelling list. Learn from *queue* to *yacht*.

### Word list – years 5 and 6

accommodate	embarrass	persuade
accompany	environment	physical
according	equip (-ped, -ment)	prejudice
achieve	especially	privilege
aggressive	exaggerate	profession
amateur	excellent	programme
ancient	existence	pronunciation
apparent	explanation	queue
appreciate	familiar	recognise
attached	foreign	recommend
available	forty	relevant
average	frequently	restaurant
awkward	government	rhyme
bargain	guarantee	rhythm
bruise	harass	sacrifice
category	hindrance	secretary
cemetery	identity	shoulder
committee	immediate(ly)	signature
communicate	individual	sincere(ly)
community	interfere	soldier
competition	interrupt	stomach
conscience*	language	sufficient
conscious*	leisure	suggest
controversy	lightning	symbol
convenience	marvellous	system
correspond	mischievous	temperature
criticise (critic + ise)	muscle	thorough
curiosity	necessary	twelfth
definite	neighbour	variety
desperate	nuisance	vegetable
determined	occupy	vehicle
develop	occur	yacht
dictionary	opportunity	
disastrous	parliament	



## Foundation Topic Work (for the week)

This term we will be learning about electricity in science. Obviously we have not had a chance to learn anything in class, so you will need to do some research at home in order to complete this. Your job is to complete a leaflet on electrical safety at home. You might want to include sections on:

- how electricity works
- why it is useful
- why it is dangerous
- how to keep safe when using it at home

Include pictures and text. Make sure you use the whole leaflet. If you click on the small arrows at the bottom in the corner then it will unfold the pages and give you much more space to write. Remember to hand it in when you want your teacher to look at it. By Friday please.

## Diary

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