



## HOME LEARNING

YEAR 4

16/06/2020

### Morning Message

Bonjour Year 4! Comment ça va?

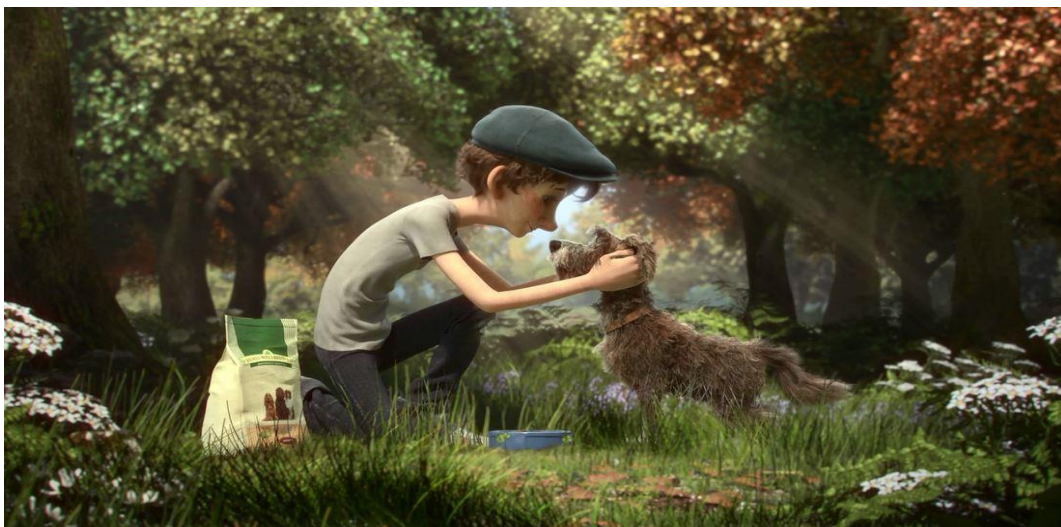
Well done for planning yesterday. Today you are going to write a character description for the main character. In maths, you'll be solving problems using a unit of time. How is your human digestive system work going on Purple mash?

Please also remember to log on to Accelerated Reader when you finish a book to complete a quiz. Continue practising your spellings and multiplication tables. For this, you will be using Purple Mash-**Monster Multiplication**. Please make sure you read every day.

Please click the Zoom link below if you will like to join us for a virtual session at 9:30am  
<https://us02web.zoom.us/meeting/register/tZUvf-2vqTMrHtFRLExmlvlhEttXeqwgeJf2>

Let's have a good day everyone.  
Ms Foster, Ms Greenaway & Mr Sowa

### Today's Picture



## Writing

### Tuesday LO: to write a character description

Today we are going to write a description of your main character.

**Task:** Write a character description for your main character:

1. Think about their background- where are they from?
2. What do they look like? (Appearance)
3. Like's/dislikes? Hobbies.
4. Personality

How to invent a new character:

<https://www.bbc.co.uk/bitesize/topics/zpccwmn/articles/zqf32nb>

## Reading

Day 2

In your home learning writing book write the date in the margin and write:

Reading- Day 2-Glossary.

Use the list of words that you made yesterday. Use a dictionary to look up each word and write what it means neatly next to the word. Then write your own sentence using that word.

Some words I would like you to start with are:

- **Cosmologist**
- **Chemistry**
- **Cosmology**

A Brief History of Time: From the Big Bang to Black Holes is a popular-science book on cosmology by British physicist **Stephen Hawking**. It was first published in 1988. Hawking wrote the book for readers who have no prior knowledge of the universe and people who are just interested in learning something new.

Children to access **Accelerated Reader** whilst at home.

Please follow the link below to the exact same page as the children have seen in school:

<https://ukhosted3.renlearn.co.uk/1922510/Public/RPM/Login/Login.aspx?srcID=s>

## Maths

Year 4

Power Maths Book 4C

16-6-20

Pages 70 - 72

### Time- Problem solving

#### **Vocabulary:**

convert, compare, unit of time, seconds, minutes, hours, days, weeks, months, years, 12hour, 24hour, analogue, digital, am/pm

#### **Starter:**

Some word problems to start you off.

Read the questions before answering them.

1. Aisha is 10 years and 5 months old. Her brother Amit is 6 years and 11 months old. How much older is Aisha in years and months.
2. A family has lived in a house for 12 years and 7 months. They want to have a party to celebrate 20 years of living in the house. How many months will they have to wait until the party?
3. A year 6 class has 5 maths lessons during the week. Each lesson lasts 1 hour and 15 minutes. How many hours and minutes will they have maths lessons in a seven-week half term?

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## Problem solving – units of time

### Discover



We have been training for this expedition for 30 months. We are so close!

I have only enough woolly socks to last me another three weeks!



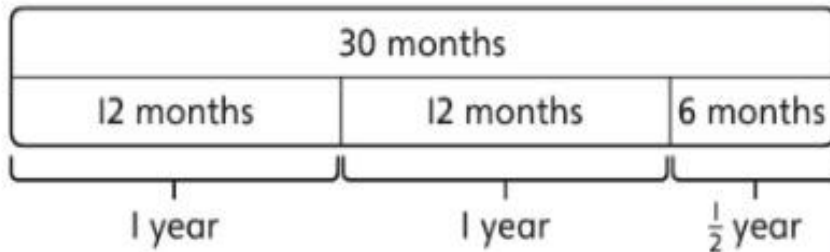
Jen

Toshi

- 1** a) How many years have the explorers been training for this expedition?
- b) Does Toshi have enough socks to make it to the North Pole?

## Share

- a) The explorers have been training for 30 months.



I am going to use a bar model to help convert 30 months into years.



$$12 \text{ months} = 1 \text{ year}$$

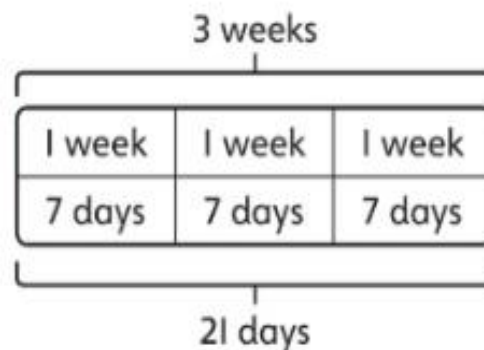
$$6 \text{ months} = \frac{1}{2} \text{ a year}$$

$$30 \text{ months} = 12 \text{ months} + 12 \text{ months} + 6 \text{ months}$$

The explorers have been training for  $2\frac{1}{2}$  years.

- b)

I converted the weeks into days to help compare them.



$$3 \times 7 = 21$$

Toshi has enough socks for 21 days.

It takes 20 days to get to the North Pole.  $21 \text{ days} > 20 \text{ days}$ .

Toshi does have enough socks to make it to the North Pole!

I found the same answer by converting the days into weeks instead.  $3 \text{ weeks} > 2 \text{ weeks } 6 \text{ days}$ .





## Think together

1 Who is quicker at putting their socks on in the cold?

It takes me 3 minutes and 14 seconds to put my socks on in the cold.

Jen



It takes me 203 seconds.



Toshi

3 minutes 14 seconds

1 minute	1 minute	1 minute	14 seconds
<input type="text"/> seconds	<input type="text"/> seconds	<input type="text"/> seconds	14 seconds

seconds

3 minutes 14 seconds

$$= (3 \times 60) + 14$$

$$= \text{[ ]} + 14$$

$$= \text{[ ]} \text{ seconds}$$

Use >, < or = to compare the times.

seconds  203 seconds

\_\_\_\_\_ is quicker than \_\_\_\_\_ .

I can think of a different way to convert these times to find the answer!



2 Which tin of food needs to be used first?

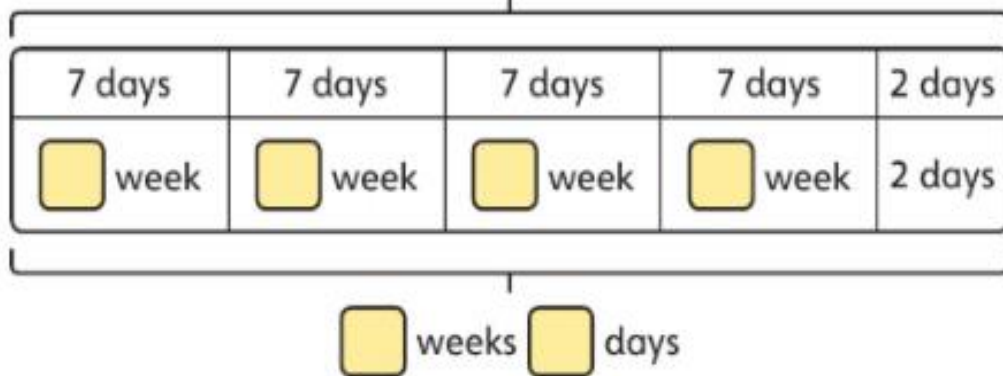
Find the answer in two ways.

a) Convert tin A into weeks and compare the weeks.



Tin A

30 days



Tin \_\_\_ needs to be used first.

b) Convert tin B into days and compare the days.

Tin \_\_\_ needs to be used first.

3 How could you compare:

a) 3 hours and 45 minutes to 200 minutes?

b)  $4\frac{1}{2}$  years to 50 months?

What operations did you use in each part?

CHALLENGE



To compare measurements, convert one of the measurements so that the units are the same in both.



Now complete **pages 70 -72** 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/>

Answers for the starter:

1) 3 years 3 months

2) 89 months

3) 43 hours 45 minutes

## Weekly Spellings

Spelling focus for the week: We are revising the statutory spelling words for Year 4.

completion	extreme	conjunction
saliva	answer	causal
caution	beginning	disappear
hesitation	naughty	breathe
revolution	pancreas	liver

**You should know what the word means and be able to use it in a sentence.**

## Foundation Work (for the week)

### Science

The human digestive system.

Well done for drawing the digestive system in your books, and I heard that one of you has made a model!! Wow.

Now you are going to do some in depth research on the Intestines (yes both of them) **or** the Liver. Which you choose is up to you but have a read about both before you decide.

On intestines:

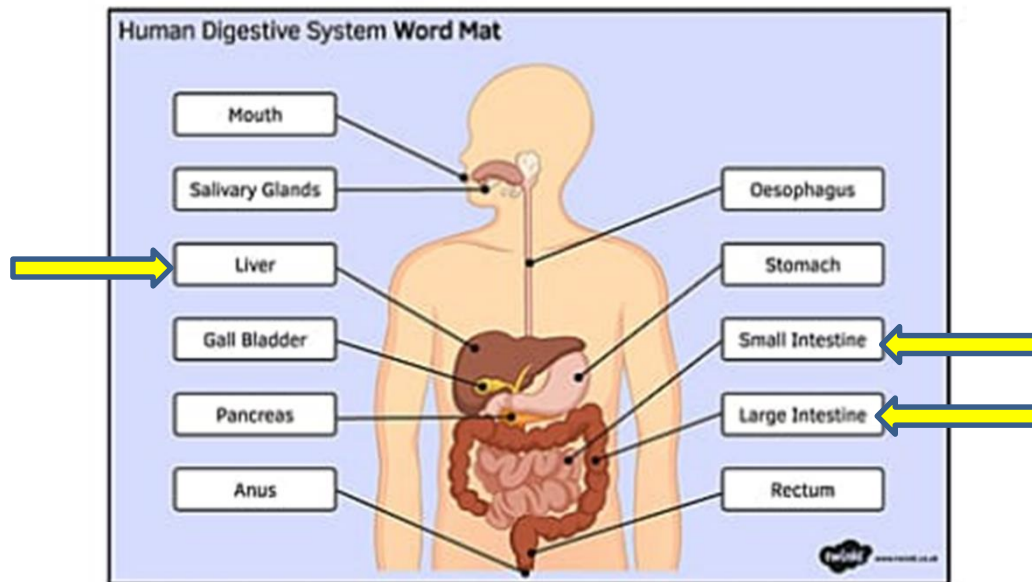
<https://www.sciencekids.co.nz/sciencefacts/humanbody/digestivesystem.html>

also have a look at other resources- books and

<https://www.bbc.co.uk/bitesize/topics/zv9qhyc/articles/zdkfvk7>

or the liver: <https://kidshealth.org/en/kids/liver.html>

or <https://www.myliverexam.com/en/understand-the-liver/functions/>



When you have decided and have done some research/made some notes go to Purple Mash and login.

You will find a 2Do with a fact file ready for you. **Only do the Liver or the intestines** not the other vital organs.

Create a fact file on your chosen part of the digestive system and include.

Where it is, what it looks like, what it does, how it works and any other vital jobs it does to keep us alive.

Save and share and I cannot wait to see your work!

## Diary

Write a diary of what work and activities you did today.

Remember to include your **emotions and opinions**.

