Please find today's learning tasks below.

The table below explains the tasks and you will find the resources underneath. Your child will know which challenge they usually access in each subject and which task will be appropriate for them.

Unless otherwise specified, please complete the tasks in either your Home Learning book or on a word document.

Year group: 4		Date: 30/4/20	
	Challenge 1	**Challenge 2**	**Challenge 3**
English	Today we will be focussing on complex sentences. A complex sentence contains a main clause, which makes sense on its own, and a subordinate clause. They are joined by a subordinating conjunction. Watch the clip on your challenge page if you're unsure. Choose a suitable conjunction from the box and add a subordinating clause to complete each sentence.	Today we will be focussing on complex sentences. A complex sentence contains a main clause, which makes sense on its own, and a subordinate clause. They are joined by a subordinating conjunction. Watch the clip on your challenge page if you're unsure. Add a main or subordinate clause to complete the following sentences. Remember that the subordinate clause can go at the beginning, middle or end of a sentence!	Today we will be focussing on complex sentences. A complex sentence contains a main clause, which makes sense on its own, and a subordinate clause. They are joined by a subordinating conjunction. Extend these sentences by adding a subordinate clause at the beginning of the sentence, then in the middle and finally, at the end of the sentence. You don't need to use the same subordinating clause each time. An example has been done for you.
Maths	Solve these problems involving multiplying and dividing by 10 and 100. You might need to work out if it is a multiplication or division problem!	Solve these problems involving multiplying and dividing by 10, 100 and 1000.	Solve the following reasoning and problem solving questions involving multiplying and dividing by 10, 100 and 1000.
Reading	Please read a book of your choosing and discuss it with someone at home. You could read a book you have or an e-book from Oxford Owl.		

| Topic | Our subject focus is **PSHE.**

At this strange and difficult time, it is important to look after ourselves and think about our mental health. It's normal to feel sad or confused because you can't do the things you normally do, like go to school and see your friends!

For your first task, complete the sheet below to reflect upon how you're feeling at the minute. Draw a picture of yourself and write or draw how you're feeling, what you're grateful for and what you're looking forward to.

We won't all be feeling the same, so your next task is to interview somebody using the questions below to find out how they are doing. You could interview someone in your household, or why not take this opportunity to get in touch with a family member or a friend from school? With an adult's help, you could phone or video call them to have a chat and find out how they are feeling. |
|---|---|

English – Challenge 1

Watch this clip to remind you:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3

Fairy Tale Sentences

Help to finish these fairy tale sentences by adding a subordinate clause to the end of each one. Use the conjunctions in the box below to help you to extend the sentences. For example:

Humpty Dumpty sat on the wall **whilst the King's horses approached.**

when	if	because	although	unless
as	despite	until	since	

1. Little Red Riding Hood went through the woods _____

2. Little Bo Peep was sad _____

3. Snow White ran through the dark forest _____

4. Like a ghost, Jack sneaked into the giant's castle _____

5. Cinderella couldn't go to the ball _____

6. The three little pigs were happy _____

7. The Gingerbread Man wouldn't have been eaten _____

8. The prince managed to get to Sleeping Beauty's palace _____

9. Rapunzel threw her hair out of the window _____

10. Belle stayed in the castle _____

English – Challenge 2

Watch this clip to remind you:
https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zqk37p3

I know what a subordinate clause is.

1. Finish off the sentences by adding more detail to these subordinate clauses.

   a) While the rain poured down, _____

   b) Before the party had started, _____

   c) _____ before it's too late.

   d) _____ because I don't know the answer.

2. Now try adding an embedded clause into this sentence.

   a) Alan the footballer, _____, scored the

   first goal.

Task 2 - Try to use a different subordinating conjunction in each sentence!

3. These sentences begin with a main clause. Add a subordinate clause to each one to finish the sentences. Remember that the subordinate clause **should not make sense on its own.**

   a) Jack plays rugby _____

   b) Tim likes to draw _____

   c) Flying a kite is fun _____

   d) I love sunny mornings _____

   e) Bathtime is fun in our house _____

English - Challenge 3

Creating Sentences Using Subordinate Clauses

Can you extend these sentences by adding a subordinate clause at the **beginning**, in the **middle** and at the **end**? You can choose a different subordinate clause for each variation.

Remember to think about punctuation.

Existing sentence	Extended sentences
Katy took a deep breath and blew out her candles.	After we sang Happy Birthday, Katy took a deep breath and blew out her candles.
	Katy, who was 9-years-old today, took a deep breath and blew out her candles.
	Katy took a deep breath and blew out her candles before we cut into the cake.
I think it's my turn to do the washing up.	

English – Challenge 3 continued

Existing sentence	Extended sentences
The whole car was full of our camping equipment.	
The bird flew down and landed on our bird table.	
James lit the rocket and the fuse started to fizz.	

Maths – Guide for all

Tips for dividing by 10 and 100

Hop this way when you divide

DOWN because when we divide, the answer will be smaller.

Hop this way when you multiply

UP because when we multiply, the answer will be bigger.

Remember when you multiply and divide decimals, remember that the decimal point is very stubborn and NEVER moves so you have to hop over it.
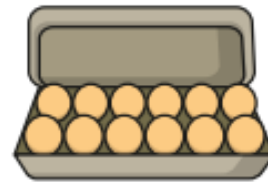
Example:

Tens	Ones	Tenths
	3	1

3.1 X 10 = 31

Tens	Ones	Tenths
	5	

5 ÷ 10 = 0.5

Maths – Challenge 1

1. Tom has 10 boxes of eggs.

There are 12 eggs in each box.

How many eggs does he have altogether?

2. Fill in the missing numbers.

a) $360 \div 10 = \boxed{}$

b) $630 \div 10 = \boxed{}$

c) $10 \times \boxed{} = 520$

d) $\boxed{} \div 10 = 41$

e) $\boxed{} = 75$ tens $\div 10$

f) $86 = \boxed{}$ tens $\div 10$

3. Match the images to the calculations. Work out the calculations.

$9 \times 100 = \boxed{}$

$6 \times 100 = \boxed{}$

$12 \times 100 = \boxed{}$

4. Eva and Tommy collect gems in a computer game.

Each gem is worth 100 points.

At the end of the game, Eva has 4,300 points and Tommy has 800 points.

How many gems did they collect in total?

How did you work this out?

Maths – Challenge 2

1.

Amir thinks of a 2-digit number.

He multiplies it by 10

My answer is between 755 and 795

Write all the numbers Amir could be thinking of.

2.

Use the digit cards to fill in the gaps.

You may use each digit card once only.

| 1 | 2 | 3 | 4 | 5 | 6 |

3_ × 100 = _,400   6,_00 ÷ 100 = _2   _,500 = 10 x _0 × 55

3. Write >, < or = to make the statements true.

a)   78 × 10 ◯ 78 × 100   **c)**   930 × 10 ◯ 100 × 93

b)   100 × 56 ◯ 65 × 100   **d)** 1,000 × 482 ◯ 482 × 100

4. Write >, < or = to make the statements true.

a)   4,900 ÷ 10 ◯ 4,900 ÷ 100   **c)** 93,000 ÷ 1,000 ◯ 9,300 ÷ 100

b) 56,000 ÷ 100 ◯ 65,000 ÷ 100   **d)**   5,700 ÷ 100 ◯ 5,700 ÷ 1,000

Maths – Challenge 2 continued

Complete the sentences.

a) Dividing a number by 10 and then by 10 again is the same as

_____

b) Dividing a number by 1,000 is the same as dividing by 10

and then _____

Maths – Challenge 3

1) Insert each of the numbers, 10, 100 and 1000, to make this statement true.

32 700 ÷ _____ < 330 000 ÷ _____ > 35 000 ÷ _____

How many solutions are there?

_____

_____

2) A ÷ 100 > B ÷ 1000

What could the values of A and B be? Find 3 possible solutions.

_____

_____

_____

Maths – Challenge 3 continued

1) Javine says, "To multiply by 1000, I just add three zeros."
Kian says, "I times by 10, then times by 10 and times by 10 again."
Do you agree with Javine and Kian's methods for multiplying by 1000? Explain your thinking.

_____

_____

_____

2) Can you work out the diameter of these new planets using the clues below?
Vesta is 10 times bigger than Athena.
Athena has half the diameter of Vulcan.
Juno is 10 times bigger than Athena.
Ceres is 100 times bigger than Vulcan.
Vulcan is 20 530km in diameter.
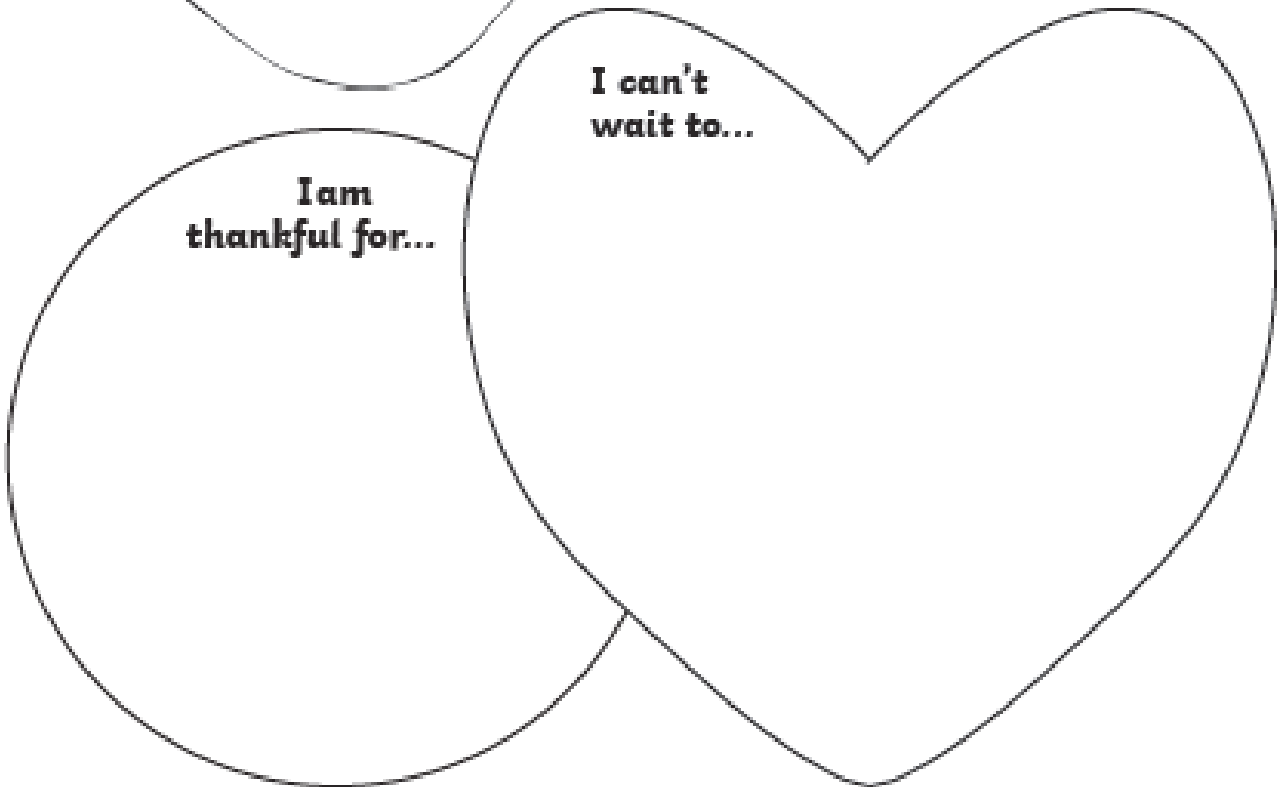Apollo is 100 times bigger than Athena.

_____

_____

_____
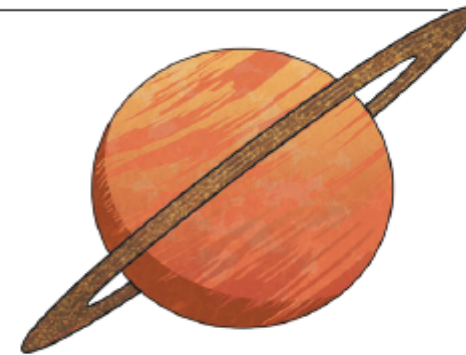
3) Alan and Astrid, the astronauts, are exploring the new planet, Vulcan. Alan has travelled 763 steps. Astrid has travelled 10 times more steps than Alan and then walked another 250 steps. How many steps has she travelled?

_____

How I Feel
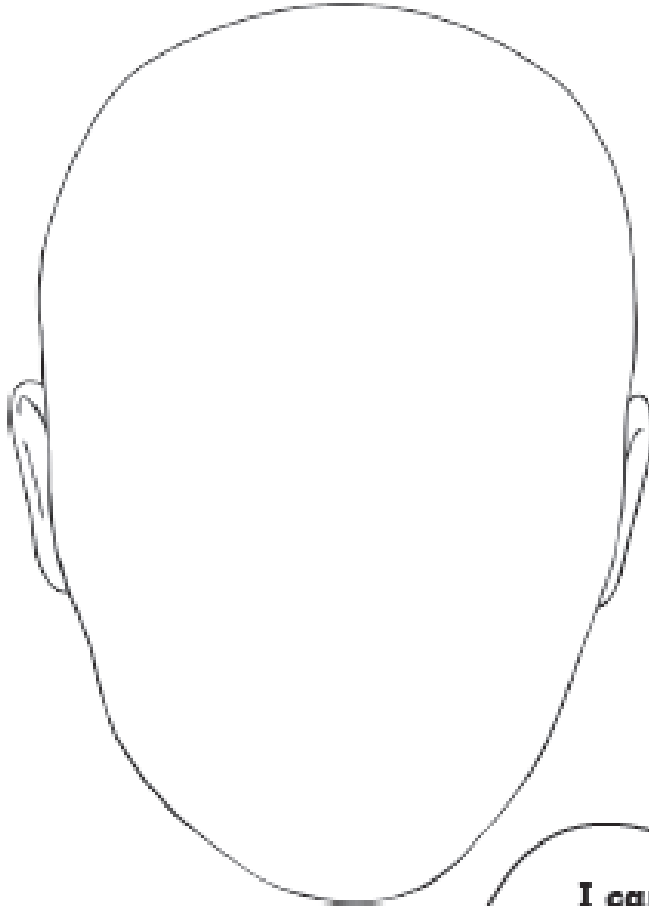
I feel...

I can't
wait to...

I am
thankful for...

Interview Page

Choose someone to interview then write down their answers here:

Name _____   Age _____

How are you feeling?	How many days have you been at home?	How is homeschooling going?
What has been the biggest change so far?	What are you excited to do once this is over?	What are you enjoying most about being at home more?

What are you grateful for?

Will you do anything differently once this is over?