This week's homework (06.04.20).

Hi 6PN and 6SD! I hope you enjoyed last week's homework. Once again, I have broken down your homework into 5 topics: check in, spelling, reading, maths and topic. I recommend that you do these topics in this order as they mirror your school day.

Try your best to get through all of this work, but don't worry if it's too difficult. I am so proud of you for adapting to your new school day - you are all superstars!

From, Miss Ellis.

Contents page

Monday 6th April 2020

Check in:

How are you feeling today? Are worried, concerned or anxious about anything? Email me and I'll email you back!

Spelling:

This week's spelling words are muscle, government, develop, queue and lightning.

Practise saying these words aloud with someone at home. If you, or your grown up, don't know how to pronounce the word, click the website, type in the word and click this button.

https://www.oxfordlearnersdictionaries.com/

Reading:

1. **Open the document called The Ghost Reading**. Read the text aloud to someone at home.

2. Do you think this text is fiction, non-fiction or poetry? Why do you think this? What are the textual features of this genre? Tell your answers to someone at home using the sentence stems:

   I think this text is...because...
   The textual features of...are...

   Key words: creative, imaginative, fictional, characters, direct speech.

3. Underline, circle or highlight a sentence in the text that impresses the reader. Why does this impress you? Tell your answer to someone at home using the sentence stem:

The sentence that says...impresses me because...

4. Choose one paragraph from the text. Read this aloud. Are you a professional, world class or legendary reader?

FLUENCY CHECK

Fluency Status	Description
Legendary	Smooth and accurate. Consistently pause for all full stops and commas. Appropriate expression which reflects the feelings, events and ideas of characters.
World Class	Smooth and accurate. Consistently pause for all full stops and commas.
Professional	Accurate - Most words correct

Fluency Check
My partner thinks my reading is
_____.

professional
world class
legendary

Maths:

1. Practise your 3 times tables out loud with someone at home.

$$1 \times 3 = 3$$
$$2 \times 3 = 6$$
$$3 \times 3 = 9$$
$$4 \times 3 = 12$$
$$5 \times 3 = 15$$
$$6 \times 3 = 18$$
$$7 \times 3 = 21$$
$$8 \times 3 = 24$$
$$9 \times 3 = 27$$
$$10 \times 3 = 30$$
$$11 \times 3 = 33$$
$$12 \times 3 = 36$$

2. Complete the questions below. As you add, talk through the process out loud using **mathematical vocabulary** like **ones column**, **tens column** and **hundreds column**.

For example: "First, I am going to add my ones column. I know that 9 plus 9 equals 18, so I'm going to write 8 in the ones column and carry 10 over to me tens column".

	1	0	9			4	5	5			1	7	0		5 5 4
+	1	3	9		+	2	8	1		+	2	4	9		+ 2 0 9

5.
```
   1 9 6
 + 7 0 6
```

6.
```
   6 2 8
 + 3 1 9
```

7.
```
   6 7 7
 + 1 6 0
```

8.
```
   5 2 4
 + 2 0 8
```

9.
```
   1 9 9
 + 3 9 1
```

10.
```
   1 5 8
 + 4 6 6
```

11.
```
   3 8 5
 + 1 3 7
```

12.
```
   6 6 5
 + 1 0 7
```

a)
```
   £3.40
 + £2.20
 _____
```

b)
```
   £4.20
 + £3.60
 _____
```

c)
```
   £5.30
 + £2.60
 _____
```

d)
```
   £3.30
 + £6.40
 _____
```

e)
```
   £4.50
 + £3.40
 _____
```

f)
```
   £3.70
 + £8.20
 _____
```

g)
```
   £5.50
 + £6.40
 _____
```

h)
```
   £4.50
 + £7.60
 _____
```

3. Check your answers are correct.

	1	0	9
+	1	3	9
	2	**4**	**8**
		1	

	4	5	5
+	2	8	1
	7	**3**	**6**
		1	

	1	7	0
+	2	4	9
	4	**1**	**9**
		1	

	5	5	4
+	2	0	9
	7	**6**	**3**
		1	

5.
	1	9	6
+	7	0	6
	9	**0**	**2**
	1	1	

6.
	6	2	8
+	3	1	9
	9	**4**	**7**
		1	

7.
	6	7	7
+	1	6	0
	8	**3**	**7**
		1	

8.
	5	2	4
+	2	0	8
	7	**3**	**2**
		1	

9.
	1	9	9
+	3	9	1
	5	**9**	**0**
	1	1	

10.
	1	5	8
+	4	6	6
	6	**2**	**4**
	1	1	

11.
	3	8	5
+	1	3	7
	5	**2**	**2**
	1	1	

12.
	6	6	5
+	1	0	7
	7	**7**	**2**
		1	

a)
```
   £3.40
 + £2.20
 ──────
   £5.60
```
b)
```
   £4.20
 + £3.60
 ──────
   £7.80
```
c)
```
   £5.30
 + £2.60
 ──────
   £7.90
```
d)
```
   £3.30
 + £6.40
 ──────
   £9.70
```
e)
```
   £4.50
 + £3.40
 ──────
   £7.90
```
f)
```
   £3.70
 + £8.20
 ──────
   £11.90
```
g)
```
   £5.50
 + £6.40
 ──────
   £11.90
```
h)
```
   £4.50
 + £7.60
 ──────
   £12.10
```
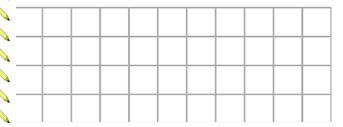
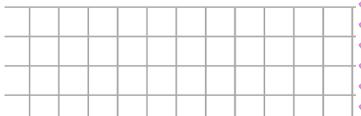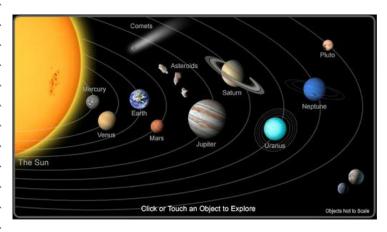4. Answer these SAT questions.

44 004 + 440 =

3.4 + 0.34 =

Afternoon activity:

1. Look at these images. What can you see in the pictures? Where were these photos taken? Who are in these pictures? What might link these pictures together? What do you know about this topic?
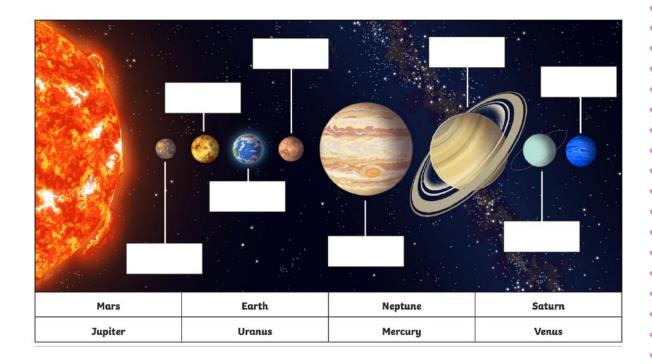
2. We're going to be learning about space this week. There are 9 planets in our Solar System. One of those planets is called Earth: the planet we live on! Click this video to learn some more information about Earth and the other planets in the Solar System:

   https://www.youtube.com/watch?v=d8y8kc317EE

3. Look at the image below and label the planets correctly.

Mars	Earth	Neptune	Saturn
Jupiter	Uranus	Mercury	Venus

4. Check that you've labelled the planets in this order: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.

5. Think about the following questions and tell your answers to someone at home:

   What is the hottest planet in the Solar System?
   What is the coldest planet in our Solar System?
   What two planets are most similar to Earth in temperature?

Well done! You have completed today's homework!

Tuesday 7th April 2020

Check in:

How are you feeling today? Are worried, concerned or anxious about anything? Email me and I'll email you back!

Spelling:

This week's spelling words are muscle, government, develop, queue and lightning.

Say the first word out loud and spell the word on your fingers. Do this for the rest of the words.

Reading:

Open the document called The Ghost Reading. Look at the pages called **Fact Retrieval Questions.** Use the text to help you answer the questions (you can write them down or tell your answer to someone at home). Remember, when we **retrieve** information, we lift our answers straight from the text.

Maths:

1. Practise your 4 times tables out loud with someone at home.

$$1 \times 4 = 4 \quad 6 \times 4 = 24 \quad 11 \times 4 = 44$$
$$2 \times 4 = 8 \quad 7 \times 4 = 28 \quad 12 \times 4 = 48$$
$$3 \times 4 = 12 \quad 8 \times 4 = 32$$
$$4 \times 4 = 16 \quad 9 \times 4 = 36$$
$$5 \times 4 = 20 \quad 10 \times 4 = 40$$

2. Complete the questions below. As you subtract, talk through the process out loud using **mathematical vocabulary** like **ones column**, **tens column** and **hundreds column.**
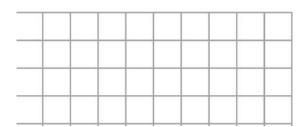
For example: "First, I am going to subtract my ones column. I can't do 1 minus 8 so I'm going to borrow 10 from my neighbour. Now, I'm going to do 11 minus 8. The answer is 3. Therefore, I'm going to write 3 in my ones column."

451 − 218	840 − 525	472 − 238	481 − 323
690 − 526	726 − 419	427 − 233	519 − 450
353 − 136	627 − 258	622 − 394	951 − 652

£3.45
-£2.32
_____

b) £6.85
-£4.95
_____

c) £9.54
-£7.65
_____

£7.32
-£2.46
_____

e) £2.65
-£1.34
_____

f) £9.85
-£2.92
_____

3. Check your answers are correct.

451 − 218 233	840 − 525 315	472 − 238 234	481 − 323 158
690 − 526 164	726 − 419 307	427 − 233 194	519 − 450 69
353 − 136 217	627 − 258 369	622 − 394 228	951 − 652 299

a) £3.45
 -£2.32
 £1.13

b) £6.85
 -£4.95
 £1.90

c) £9.54
 -£7.65
 £1.89

d) £7.32
 -£2.46
 £4.86

e) £2.65
 -£1.34
 £1.31

f) £9.85
 -£2.92
 £6.93

4. Answer these SAT questions.

335 204 - 67 823 =

8.001 - 0.001 =

Afternoon activity:

1. Tell someone at home what you remember about the Solar System.

2. Open the document called **Planet Fact Cards.** Read the information about the different planets.

3. Use the fact cards to answer the following questions:

   Which planet orbits closest to the sun?
   Which planet has the highest maximum temperature?
   Which planet's atmosphere contains the highest percentage of carbon dioxide?
   How much bigger is Earth than Mars?
   Which planet has the shortest day?
   Which planets are made of gas?
   Which planet has the most moons?

Well done! You have completed today's homework!

Wednesday 8th April

Check in:

How are you feeling today? Are worried, concerned or anxious about anything? Email me and I'll email you back!

Spelling:

This week's spelling words are muscle, government, develop, queue and lightning.

It's time for a practise spelling test. Get someone at home to read each of the spellings words to you and write them down on a piece of paper. No peeking!

Reading:

Open the document called The Ghost Reading. Look at the pages called **Inference Questions.** Use the text to help you answer the questions (you can write them down or tell your answer to someone at home). Remember, when we **infer** information, we use evidence from the text to make logical conclusions.

Maths:

1. Practise your 5 times tables out loud with someone at home.

$$1 \times 5 = 5$$
$$2 \times 5 = 10$$
$$3 \times 5 = 15$$
$$4 \times 5 = 20$$
$$5 \times 5 = 25$$

$$6 \times 5 = 30$$
$$7 \times 5 = 35$$
$$8 \times 5 = 40$$
$$9 \times 5 = 45$$
$$10 \times 5 = 50$$
$$11 \times 5 = 55$$
$$12 \times 5 = 60$$

2. Complete the questions below. Read the question and identify the key words that tell you whether you should **add** or **subtract.** For example, if the question asks how many there are **altogether** you must add. If the questions asks you to find the **difference** you must subtract.

As you add and subtract, talk through the process out loud using **mathematical vocabulary** like **ones column**, **tens column** and **hundreds column.**

a │ On Sunday I spent 144 minutes on my art project and 45 minutes on my numeracy homework. On Thursday evening I spent a total of 111 minutes on my homework. What is the difference between the amount of homework I did on Sunday and Thursday evening?
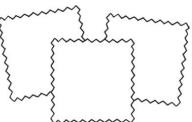
b │ Dad drives a truck. Last week he drove 267 miles on Monday, 186 miles on Tuesday and 198 on Wednesday. This week Dad drove 282 miles in total. What is the difference in mileage between this week and last week?

c │ I got £48.50 for my birthday. I spent £12.50 on Saturday and £19.20 on Sunday. How much spending money have I got left?

d

At the fabric shop I bought 238 metres of orange fabric, 100 metres of yellow fabric and 267 metres of purple fabric. I have used 15 metres of the orange fabric, 25 metres of yellow fabric and 7 metres of purple fabric. How many metres of fabric do I have left in total?

e

A plane can take 264 passengers. There are 183 people on board. A travel agent booked another 86 people onto the plane.

How many people will not be able to travel?

f

Mr Klein wants to book a holiday to the Caribbean. He has a budget of £400. His flight will cost £240. His accommodation with cost £175. He would also like to hire a jet ski priced £94 and go on a snorkelling trip priced £60.

Can he afford the holiday? If not, how much more will the holiday cost?

3. Check your answers are correct.

a) 78 minutes   b) 369 miles
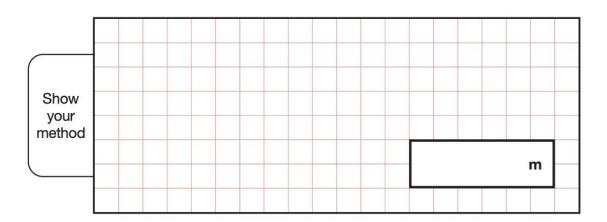c) 558 metres   d) £16.80
e) 5   f) £169 more

4. Answer this SAT question.

4

This table shows the heights of three mountains.

Mountain	Height in metres
Mount Everest	8,848
Mount Kilimanjaro	5,895
Ben Nevis	1,344

How much higher is Mount Everest than the combined height of the other two mountains?
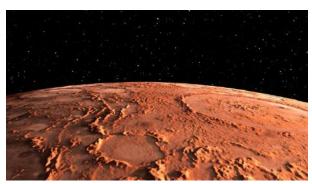
Show your method

m

2 marks

15

Afternoon activity:

1. Tell someone at home what you remember about Mars.

2. Scientists and astronauts are particularly fascinated by Mars and have spent many learning about the planet. Why do you think scientists are so interested in Mars?

3. **Open the document called Mars Activity.** Read the information and answer the questions.

4. Congratulations! You are now an expert on Mars! Now, create an informative and eye-catching poster with key information about the planet to display around your home. If you have any colouring pencils or felt tips, please colour it in. Email me a copy of your poster as I would love to see it!

   year6.year6@hovingham.org

Well done! You have completed today's homework!

Thursday 9th April 2020

Check in:

How are you feeling today? Are worried, concerned or anxious about anything? Email me and I'll email you back!

Spelling:

This week's spelling words are muscle, government, develop, queue and lightning.

It's time for another practice spelling test. Get someone at home to read each of the spellings words to you and write them down on a piece of paper. No peeking!

Reading:

Open the document called Inuit People Reading. Look at the pages called **Word Meaning Questions and Summary Questions.** Use the text to help you answer the questions (you can write them down or tell your answer to someone at home). Remember to ask yourself if your answer makes sense!

Maths:

1. Practise your 6 times tables out loud with someone at home.

$$1 \times 6 = 6 \qquad 7 \times 6 = 42$$
$$2 \times 6 = 12 \qquad 8 \times 6 = 48$$
$$3 \times 6 = 18 \qquad 9 \times 6 = 54$$
$$4 \times 6 = 24 \qquad 10 \times 6 = 60$$
$$5 \times 6 = 30 \qquad 11 \times 6 = 66$$
$$6 \times 6 = 36 \qquad 12 \times 6 = 72$$

2. Complete the questions below. Remember that when you find a percentage of an amount you have to:

- draw your place value grid
- divide the number by 10
- multiply that number by the amount you want to find.

As you do this, talk through the process out loud using **mathematical vocabulary** like **hundreds column**, **tenths column**, **ones column**, **tenths column**, **hundredths column** and **thousandths column.**

For example: "The first question says 70% of 70. I am going to draw my place value grid and write 7 in my tens column and 0 in my ones column. When I divide by ten my digits move one space to the right.

So, my 0 moves to my tenths column and my 7 moves to my ones column. Therefore, 10% of 70 is 7. However, I want to find out 70% so I am going to multiply 7 by 7. My answer is 49.

1. 70% of 70 = _____

2. 10% of 20 = _____
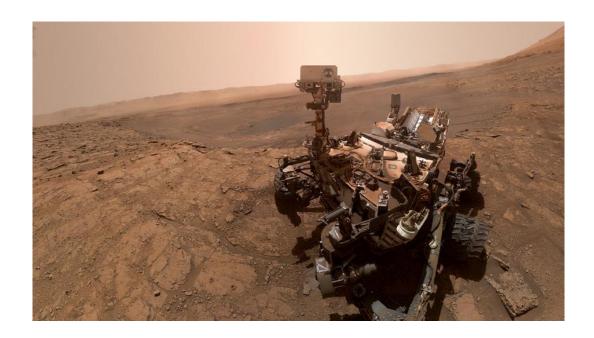
3. 80% of 20 = _____

4. 80% of 60 = _____

5. 50% of 80 = _____

6. 80% of 40 = _____

7. 60% of 100 = _____

8. 40% of 20 = _____

9. 20% of 10 = _____

10. 20% of 40 = _____

11.   90% of 30 = _____   14.   30% of 80 = _____

12.   40% of 130 = _____   15.   60% of 160 = _____

13.   10% of 140 = _____   16.   40% of 100 = _____

3. Check your answers are correct.

1	49		8	8		15	96
2	2		9	2		16	40
3	16		10	8			
4	48		11	27			
5	40		12	52			
6	32		13	14			
7	60		14	24			

4. Answer this SAT question.

20% of 1,200 =

Afternoon activity:

1. Tell someone at home 5 things you've learned about space this week.

2. You may remember learning about the Curiosity Rover in your Mars comprehension task yesterday. **Open the document called Mars Activity** and find the paragraph titled The Mars Rover.

3. A rover is a car-size robot that explores the surface of Mars and conducts different science experiments so we can learn more about the planet. Watch this video to see exactly what the rover does:

   https://www.youtube.com/watch?v=D0VFPAZ5OYk

4. Could you be NASA's newest rover engineer? Open the document called Mars Rover and follow the instructions to design your own unique rover. Please email me a picture of your finished design!

   year6.year6@hovingham.org

Well done! You have completed today's homework!

<u>Friday 10th April 2020</u>

Check in:

How are you feeling today? Are worried, concerned or anxious about anything? Email me and I'll email you back!

Spelling:

It's spelling test day! Get someone at home to read each of the spelling words to you and write them down on a piece of paper. If you've got 6/6 give yourself a disco cheer!

Reading:

We're going to do some writing today. When you write, remember to use capital letters and full stops. You should also use **commas**, **apostrophes**, s**emicolons**, **colons**, **question marks**, **exclamation marks** and **brackets** where you can. Remember to use **ambitious vocabulary** – we don't like boring words like 'scary'!

You can choose one writing activity from the list:

1. Create a **third person recount** of the story. What happened first, second, third, then, next after that and finally?

2. Write a **diary entry** from the perspective of Davit, Olly or Nish. What happened during the sleepover? How did you feel? Do you believe in ghosts?

3. Create **your own ghost story!** Where is your story set? Who are the characters? What scary things happen to your characters? How does your story end?

Maths:

1. Practise your 7 times tables with someone at home.

$$1 \times 7 = 7$$
$$2 \times 7 = 14$$
$$3 \times 7 = 21$$
$$4 \times 7 = 28$$
$$5 \times 7 = 35$$
$$6 \times 7 = 42$$
$$7 \times 7 = 49$$
$$8 \times 7 = 56$$
$$9 \times 7 = 63$$
$$10 \times 7 = 70$$
$$11 \times 7 = 77$$
$$12 \times 7 = 84$$

2. Complete the questions below. **This method is different to yesterday's so please read.** We are still finding percentages of amounts however this time you are going to:

   - draw your place value grid
   - **divide the number by 100**
   - multiply that number by the amount you want to find.

   As you do this, talk through the process out loud using **mathematical vocabulary** like **hundreds column**, **tenths column**, **ones column**, **tenths column**, **hundredths column** and **thousandths column.**

   For example: "The first question says 18% of 400. I am going to draw my place value grid and write 4 in my hundreds column, 0 in my tens column and 0 in my ones column.

When I divide by a hundred my digits move two spaces to the right. So, the 4 moves to my ones column, the 0 in my tens column moves to my tenths column and the 0 in my ones column moves to my hundredths column. Therefore, 1% of 400 is 4. However, I want to find out 18% so I am going to multiply 4 by 18 using column multiplication. My answer is 72.

a) 18% of 400

b) 27% of 600

c) 52% of 800

d) 45% of 500

e) 72% of 4100

f) 82% of 3500

g) 49% of 7900

h) 81% of 5600

3. Check your answers are correct.

a) 72

b) 162

c) 416

d) 225

e) 2952

f) 2870

g) 3871

h) 4536

Afternoon activity:

1. It's time for some PE! Put your PE kit on join in with this video:

[https://www.youtube.com/watch?v=qGKGNzNbWjU&list=PLyCLoPd4Vx BvQafyve889qVcPxYEjdSTl&index=6&t=0s](https://www.youtube.com/watch?v=qGKGNzNbWjU&list=PLyCLoPd4Vx)

Well done for completing this week's homework. I am very proud of you!