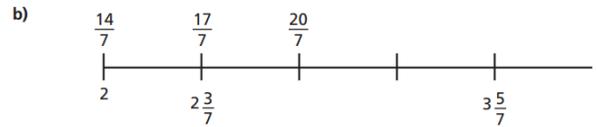
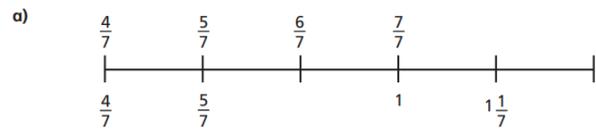


**YEAR 5 - Week 2 School closure emergency lessons - Lessons will predominantly be sent out on Seesaw - if you are unable to access this we have put simplified versions on this timetable.**

	Maths Lesson 1	Literacy Lesson 2	Lesson 3
<b>M O N D A Y</b>	<p><b>Maths: Arithmetic</b></p> <p>1) Change <math>\frac{11}{3}</math> to a mixed number.</p> <p>2) Complete <math>\frac{7}{10} = \frac{\square}{30}</math></p> <p>3) Work out <math>165 \times 7</math></p> <p>4) Annie has £27. She spends £4.50 How much money does she have left?</p>  <p><b>Maths: Number sequence</b></p> <p>1) Use the counting stick to count up and down in these fractions.</p>  <ul style="list-style-type: none"> <li>Start at 0 and count up in steps of <math>\frac{1}{4}</math></li> <li>Start at 4 and count down in steps of <math>\frac{1}{3}</math></li> <li>Start at 1 and count up in steps of <math>\frac{2}{3}</math></li> </ul> <p>2) Complete the missing values on the number line.</p> 	<p>English:</p> <p>If you were asked to name some European countries, you would probably be able to mention the larger ones such as England or Germany. But did you know that Europe also has a number of very small states? Some are so tiny that you might not even be aware of their existence. Look on a map showing physical features and you will see that between France and Spain is a range of mountains called the Pyrenees. Tucked in amongst those peaks is the minute country of Andorra. To get from one end of the country to the other is a forty kilometre drive.</p> <p>1. According to the text, what are England and Germany examples of?</p> <p>2. ...<i>aware of their existence</i> ...</p> <p>In this context, what does the word <b>existence</b> mean? <b>Tick one.</b></p> <p>capitals size</p> <p>being country</p> <p>3. According to the text, what does your map need to show?</p> <p>4. What is the name of the mountain range mentioned in the text?</p> <p>5. ... <i>tucked in amongst those peaks</i> ...</p>	<p>P.E. Cosmic yoga - Harry Potter and the Philosopher's Stone. <a href="https://www.youtube.com/watch?v=R-BS87NTV5I&amp;vI=en">https://www.youtube.com/watch?v=R-BS87NTV5I&amp;vI=en</a></p> <p>R.E. Inspirational people.</p> <p>This term we are finding out about people who have been inspirational to others from different faiths.</p> <p>This week you are going to research and find out about this hindu man who changed the lives of millions in India:</p>  <p>Mahatma Ghandi</p> <p>A kid's guide to Mahatma Ghandi</p> <p><a href="https://www.youtube.com/watch?v=FZySxUtepSw">https://www.youtube.com/watch?v=FZySxUtepSw</a></p>

3)

Complete the number lines.



Explain why the word **tucked** has been used.

6. Which word in the second to last sentence is closest in meaning to **tiny**? **Tick one.**

tucked minute

peaks Andorra

Reflection: why do you think someone like Nelson Mandela may have been inspired by Mahatma Gandhi?

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**Maths: Arithmetic**

1) Complete  $2\frac{3}{4} = \frac{\square}{4}$



2) Write a fraction equivalent to  $\frac{2}{3}$

3) Work out  $64 \times 23$

4) What is the value of the 4 in the number 243,157?

**Maths: Compare and order fractions less than one**

1)

Spelling : Purplemash Aut week 5

adorable adorably applicable applicably  
considerable considerably tolerable tolerably  
capable knowledgeable

It was just\_\_\_\_\_to watch them play so well. They were\_\_\_\_\_of achieving a\_\_\_\_\_amount. Detention was\_\_\_\_\_to only a few of the children. Our teacher is\_\_\_\_\_. The code operates the sprite\_\_\_\_\_. A new pair of trainers will make running\_\_\_\_\_. They looked\_\_\_\_\_at the new member of the family. This winter seems\_\_\_\_\_mild.

Science: Earth and beyond.

L.Q.How can observing and measuring shadows help to demonstrate the spinning of the Earth?

Day and night

[https://www.youtube.com/watch?v=v9J2a\\_uAwD\\_I](https://www.youtube.com/watch?v=v9J2a_uAwD_I)

Today we are going to use shadow investigations to demonstrate the movement of the Earth on its axis.

Use bar models to compare  $\frac{5}{8}$  and  $\frac{3}{4}$



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Use this method to help you compare:

$\frac{5}{6}$  and  $\frac{2}{3}$       $\frac{2}{3}$  and  $\frac{5}{9}$       $\frac{7}{16}$  and  $\frac{3}{8}$

**2)**

Use common numerators to help you compare  $\frac{2}{5}$  and  $\frac{2}{3}$



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Use this method to help you compare:

$\frac{6}{7}$  and  $\frac{6}{8}$       $\frac{4}{9}$  and  $\frac{4}{5}$       $\frac{4}{11}$  and  $\frac{2}{5}$

**3)**

Order the fractions from greatest to smallest:

$\frac{3}{7}, \frac{3}{5}$  and  $\frac{3}{8}$       $\frac{2}{3}, \frac{5}{6}$  and  $\frac{7}{12}$       $\frac{6}{11}, \frac{3}{5}$  and  $\frac{2}{3}$

**You will need:**

- a piece of paper cut into a circle ( as large as you can.
- a pen (but any straight object will do)
- play dough/ something to stand pen up with.

On a sunny day, place you the pencil through the middle of the plate or secure it with a piece of blutac in the centre. Draw the shadow of the pencil on the plate. Then at hourly interval, go back and draw the pencils shadow right the way through the day.

What have you discovered?

How can you explain this?

Make a little video of what you have done and discovered and share on Seesaw.

Reflection: Explain in your book how we get night and day.

Useful vocabulary: axis, rotates, 24 hours ( 1 day), tilted, Sun, Earth.

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**Maths: Arithmetic**

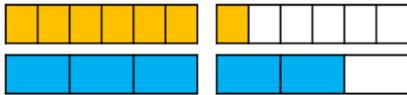
- 1) Change  $\frac{18}{5}$  to a mixed number
- 2) Complete  $\frac{15}{20} = \frac{\square}{4}$
- 3) Work out  $3,157 \times 4$
- 4) Add together 6,483 and 1,999



**Maths: Compare and order fractions more than one**

1)

Use bar models to compare  $\frac{7}{6}$  and  $\frac{5}{3}$



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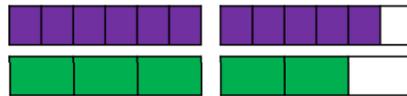
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Use this method to help you compare:

$\frac{5}{2}$  and  $\frac{9}{4}$      $\frac{11}{6}$  and  $\frac{5}{3}$      $\frac{9}{4}$  and  $\frac{17}{8}$

2)

Use a bar model to compare  $1\frac{2}{3}$  and  $1\frac{5}{6}$



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Use this method to help you compare:

$1\frac{3}{4}$  and  $1\frac{3}{8}$      $1\frac{5}{8}$  and  $1\frac{1}{2}$      $2\frac{3}{7}$  and  $2\frac{9}{14}$

3)

Order the fractions from greatest to smallest using common denominators:

$\frac{8}{5}$ ,  $\frac{11}{10}$  and  $\frac{17}{20}$      $1\frac{2}{3}$ ,  $1\frac{7}{24}$  and  $\frac{11}{12}$



“Houston come in. Houston come in. This is Apollo 11. We have touched down on the surface of the moon. Over.”

“Apollo 11, this is Houston. You are clear to begin your mission. Over.”

Gazing around in a state of awe and wonder, the astronaut stood and admired what he saw. Outer space was a thing of pure beauty: a never-ending chasm of blackness, illuminated by stars that sparkled like beautiful diamonds.

He took a few steps forward, smiling at the joy of the feeling of weightlessness that never ceased to amaze him. Happy that his oxygen levels were high and his friends were close by, the astronaut set about his mission.

All seemed to be going well, but then the warning alarm on the ship sounded...

Topic: The history of space exploration - space pioneers.

L.Q: Who was the first woman in space and what was the first animal?



Draw body outlines for the first woman in space and the first animal in space and label them with 5 facts for each?

Reflection:

Why would an animal be sent into space?

		<p>“Houston. Houston come in! Houston, we have a problem...”</p> <p>a)</p> <ol style="list-style-type: none"> <li>1) What could the warning alarm mean?</li> <li>2) Can you describe what it might feel like to walk on the moon?</li> <li>3) Do you think living in space will one day be considered ‘normal’? Explain why</li> <li>4) Can you create a list of reasons for/against living on the moon.</li> <li>5) Create a short speech either for or against colonising the moon.</li> </ol>		
<p style="text-align: center;">T H U R S D A Y</p>	<p><b>Maths: Arithmetic</b></p>	<p><b>Vocabulary : Knowledgeable</b></p> <p><b>Define it:</b></p> <p><b>Use it in a sentence:</b></p> <p><b>Make a question:</b></p> <p><b>Draw:</b></p> <p><b>(Use this as an example)</b></p>	<p>D.T. Living on a different planet</p> <p>L.Q: Can you select from and use a wider range of tools and equipment to build a prototype?</p> <p>Last week you designed your future colony for another planet and considered what humans need to live.</p> <p>This week we would like you to build your colony out of materials you have at home; packaging, lego, bricks, sticks, newspaper.</p>	

1) Complete the sequence  $\frac{2}{5}, \frac{3}{5}, \dots$



2) Write  $\frac{17}{3}$  as a mixed number.

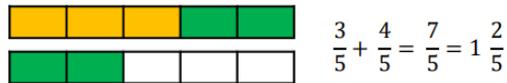
3) Divide 865 by 5

4) Write down a 5-digit number with a 6 in the hundreds column.

**Maths: Add and Subtract fractions**

1)

Here is a bar model to calculate  $\frac{3}{5} + \frac{4}{5}$

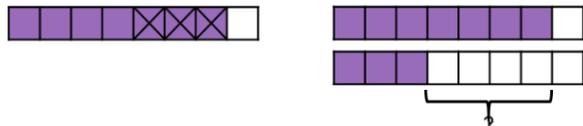


Use a bar model to solve the calculations:

$\frac{3}{8} + \frac{3}{8}$        $\frac{5}{6} + \frac{1}{6}$        $\frac{5}{3} + \frac{5}{3}$

2)

Here are two bar models to calculate  $\frac{7}{8} - \frac{3}{8}$



What is the difference between the two methods?

Use your preferred method to calculate:

$\frac{5}{8} - \frac{1}{8}$        $\frac{9}{7} - \frac{4}{7}$        $\frac{5}{3} - \frac{5}{3}$        $1 - \frac{2}{5}$

3)

Calculate:

$\frac{3}{7} + \frac{5}{7} = \frac{\square}{\square} + \frac{4}{7}$        $\frac{9}{5} - \frac{5}{5} = \frac{6}{5} - \frac{\square}{\square}$        $\frac{2}{3} + \frac{\square}{\square} = \frac{11}{3} - \frac{4}{3}$

Word	(example) MIGRATION
Define it	The act/process of moving from one place to another temporarily (for a while) or indefinitely (permanently)
Use it in a sentence	Migration has been part of the human development for millennia.
Make a question	How does migration affect people's lives?
Draw	

Photograph your model and place it on Seesaw.

In your book, write a reflection: What d are you proud of with your design? And what you found most difficult with the building process?

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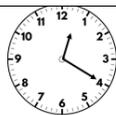
**Maths: Arithmetic**

**Main and subordinate clauses**

**Relative clauses** come after the noun to which they add information. Write out the main clauses so that it either has a relative clause

**P.S.H.E. self management and a healthy mind.**

- 1) Which is greater,  $\frac{1}{2}$  or  $\frac{7}{12}$ ?
- 2) Change  $5\frac{1}{2}$  to an improper fraction.
- 3) Dexter gets £18 pocket money a week.  
How much pocket money does he get in a year?
- 4) Work out the missing number.  
 $23 = \square - 47$



### Maths: Add and Subtract fractions

#### 1)

Complete the calculations.

Use bar models to help you.

a)  $\frac{4}{5} + \frac{3}{5} = \square = \square$

c)  $\frac{8}{5} - \frac{6}{5} = \square$

b)  $\frac{6}{5} + \frac{3}{5} = \square = \square$

d)  $\frac{9}{5} - \frac{3}{5} = \square = \square$

#### 2)

Complete the calculations.

a)  $\frac{4}{7} + \frac{2}{7} = \square$

f)  $\frac{17}{9} - \frac{8}{9} = \square = \square$

b)  $\frac{4}{7} + \frac{3}{7} = \square = \square$

g)  $\frac{16}{9} - \frac{8}{9} = \square$

c)  $\frac{4}{7} + \frac{4}{7} = \square = \square$

h)  $\frac{7}{9} + \frac{2}{9} + \frac{8}{9} = \square = \square$

d)  $\frac{8}{7} - \frac{3}{7} = \square$

i)  $\frac{7}{15} + \frac{2}{15} + \frac{8}{15} = \square = \square$

e)  $\frac{7}{9} + \frac{8}{9} = \square = \square$

j)  $\frac{7}{15} - \frac{2}{15} + \frac{8}{15} = \square$

on the end or embedded in the middle. Use the relative pronouns: **who, when, where, whose, that, which**.

- 1) My big brother came to visit me last month.
- 2) Miss Gayer owns some chickens.
- 3) I like going for a bike ride.
- 4) Friction helps my car stop.
- 5) Apollo 11 landed on the moon.
- 6) Our dog likes going to the park.



### Self-management and a healthy mind



- Self-management can help us to feel good and function well
- We need self-management to help control our emotions & keep a healthy mind
- If we don't manage ourselves it can cause us stress & worry



#### 1. Emotional reactions

Lately Sarah finds herself being short tempered with her friends and family. She is also feeling very unorganised. She isn't sleeping well and she is having difficulty concentrating on her school work. She is feeling out of control of her emotions.

**She needs to change her behaviour...**

**What could she do?**

#### 2. Social networking

Tom has homework due in tomorrow and is sort of behind on it. He decides to take a break and catch up with his friends on face book and play on his phone. It turns 8pm and he still hasn't completed his homework. He thinks to himself - "my phone is addictive and when I start, I cannot stop".

**Tom needs to change his behaviour...**

**What could he do?**

Write your responses on the note book.

Reflection: think of a time when you have had to use self-management - how did it alter the way you behaved/ reacted to a situation?