

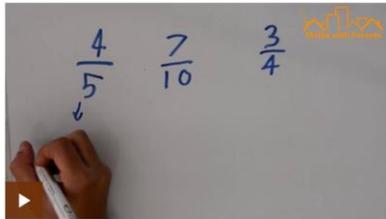
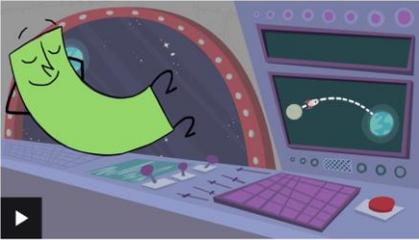
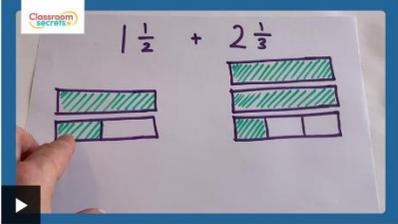
These activities have been put together as an addition to the packs that have already been sent home.

This is a *non-compulsory* set of activities and have been put together to provide a bit more structure to the day for those who feel they may benefit from it.

Morning Challenges - <https://www.morningchallenge.co.uk/home>

Year 6	Day 1	Day 2	Day 3	Day 4	Day 5
Sensory Activity	Just Dance: https://www.youtube.com/watch?v=66wCy2Kw1Ck	Zumba kids: https://www.youtube.com/watch?v=ymigWt5TOV8	Just Dance: https://www.youtube.com/watch?v=UMGdVITYKHc	Zumba kids: https://www.youtube.com/watch?v=FP0wgVhUC9w	Just Dance: https://www.youtube.com/watch?v=dpY4ZTV7Em0
Topic	<p>Pick a country of your choice and complete the following activities.</p> <ul style="list-style-type: none"> - Compare the climate / weather / scenery to that of England. Explain what things are the same, what are the differences, how do forests / cities differ or are similar? - Paint / sketch a landscape image of somewhere within your chosen country - could it be a beautiful photo you have seen or a tourist attraction? - Research and create a presentation on your chosen country - what fun facts can you find out? - Find a famous person who was born in your chosen country - Who are they? What are they famous for? Can you draw an image of that person? - Learn some phrases in the language spoken within that country - can you engage in a conversation? - What are the oceans / seas around your country or is your country landlocked? <p>What animals can be found in your country - what are the habitats in which they live? What do they eat to survive? Who preys on them? What ways have these animals adapted to survive in their habitats?</p>				

English	<p>SPAG Studyzonetr lesson 275, 276 and 277 - active and passive sentences. *TASK* Complete worksheets associated with the lessons. *CHALLENGE* Write a short story and identify any active and passive sentences you have written.</p>	<p>Pobble 365 (See image and text below) *TASK* Who do you think the people are in the picture? Where have they been? How do you think they are feeling about their homecoming? What do you think might have happened to the city? What will the people do next? *CHALLENGE* These people have had to move home, carrying their belongings in a sledge. If you had to move home, but could only take 10 items with you, what would they be? Draw</p>	<p>Literacy Shed https://www.literacyshed.com/embarked.html 'Embarked' *TASK* Write a diary entry as both the Treehouse and Jimmy - how are they feeling throughout all of this? What thoughts might be going through their minds? How might their feelings have changed throughout the clip?</p>	<p>Extended Writing https://www.literacyshed.com/embarked.html 'Embarked' *TASK* Design your own tree house with instructions on how to build it. What will it look like? What equipment will you need? How will you build each stage?</p>	<p>Spellings Words with origins in other countries hoist easel restaurant pyjamas bungalow veranda ballet blizzard gymkhana origin *TASK* Write an acrostic poem for each of your spelling words. Spelling Shed activities set. *CHALLENGE* Find out the origin of the words.</p>
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		<p>or list them! Write a diary entry as one of the people in the image - how might they be feeling?</p>			<p>Powerful Words - unpalatable and feud.</p> <p>Write a series of questions to which the answer would be your powerful word spellings.</p>
<p>Maths - Fractions</p>	<p>Simplifying Fractions https://www.bbc.co.uk/bitesize/articles/zkkm6v4</p>  <p>*TASK* Complete interactive activities that accompany the video. *CHALLENGE* See below</p>	<p>Compare and Order Fractions https://www.bbc.co.uk/bitesize/articles/zkk6hbk</p>  <p>*TASK* Complete interactive activities that accompany the video. *CHALLENGE* https://nrich.maths.org/13040 Nrich - More Fraction Bars</p>	<p>Adding and Subtracting Fractions https://www.bbc.co.uk/bitesize/articles/z7ty382</p>  <p>*TASK* See below *CHALLENGE* https://nrich.maths.org/12935?utm_source=primary-map Nrich - Fraction Lengths</p>	<p>Adding and Subtracting Mixed Numbers https://www.bbc.co.uk/bitesize/articles/zfp4kmn</p>  <p>*TASK* Complete interactive activities that accompany the video. *CHALLENGE* Write your own 'Always, Sometimes, Never' question and challenge a member of your family.</p>	<p>Multiplying fractions and mixed numbers by integers https://www.bbc.co.uk/bitesize/articles/zbh6hbk</p>  <p>*TASK* See below *CHALLENGE*</p>

Pobble365 Tuesday



They had been away for so long, but now they had returned. This was their homecoming, and they had not expected it to be like this.

A fork of crystal-blue lightning licked across the sky, sending a shower of dust and rubble to the frozen ground as it struck a distant building.

He pulled the sledge behind him, its blades screeching and squeaking and scraping as he pulled it through the glistening, crunching snow behind him. His arms ached. Muscles screaming in defiance at the burden they must bear. They had been walking for so long. They couldn't give up now, not now they were so close.

The last time he was here, things were very different. It was almost unrecognisable now...

$$\frac{1}{3} \times 2 = \frac{2}{3}$$



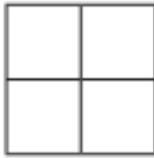
$$4 \times \begin{array}{r} 23 \\ 5 \end{array}$$

$$8 \times \begin{array}{r} 57 \\ 8 \end{array}$$

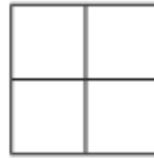
$$10 \times \begin{array}{r} 103 \\ 6 \end{array}$$

$$13 \times \begin{array}{r} 89 \\ 9 \end{array}$$

1. $\frac{1}{4} \times 2 =$



6. $\frac{1}{4} \times 3 =$



$$9 \times \begin{array}{r} 86 \\ 12 \end{array}$$

$$5 \times \begin{array}{r} 35 \\ 6 \end{array}$$

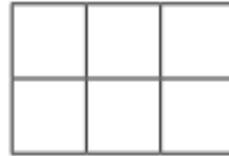
$$7 \times \begin{array}{r} 87 \\ 11 \end{array}$$

$$2 \times \begin{array}{r} 611 \\ 20 \end{array}$$

2. $\frac{1}{3} \times 3 =$



7. $\frac{1}{6} \times 5 =$



3. $\frac{1}{2} \times 2 =$



8. $\frac{1}{5} \times 2 =$



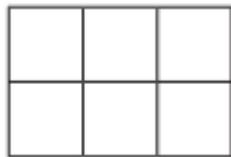
4. $\frac{1}{5} \times 4 =$



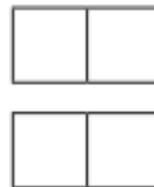
9. $\frac{1}{5} \times 3 =$



5. $\frac{1}{6} \times 2 =$



10. $\frac{1}{2} \times 4 =$



- Now order your answers from smallest to largest. Use the fraction walls to help you. Also consider things like - *is this bigger than half?*

4a. Use the highest common factors below to help complete these simplified fractions.

9 8 7 5

A. $\frac{24}{\square} = \frac{\square}{5}$ B. $\frac{\square}{36} = \frac{3}{\square}$

C. $\frac{\square}{35} = \frac{4}{\square}$ D. $\frac{35}{\square} = \frac{\square}{6}$



5a. In a class of 24 children, 16 are girls.

Represent this as a simplified fraction.

What fraction of the class are boys? Give the answer in its simplest form.

Use the grid below to help you work out the fraction in its simplest form.



6a. Sasha says,



This fraction can be simplified to $\frac{8}{14}$ because 2 is the highest common factor.

Is she correct? Prove it.



4b. Use the highest common factors below to help complete these simplified fractions.

12 4 6 3

A. $\frac{28}{\square} = \frac{\square}{9}$ B. $\frac{\square}{36} = \frac{5}{\square}$

C. $\frac{\square}{48} = \frac{3}{\square}$ D. $\frac{18}{\square} = \frac{\square}{5}$



5b. At a meeting of 54 adults, 42 are men.

Represent this as a simplified fraction.

What fraction of the adults are women? Give the answer in its simplest form.

Use the grid below to help you work out the fraction in its simplest form.



6b. Jerome says,



This fraction can be simplified to $\frac{9}{12}$ because 3 is the highest common factor.

Is he correct? Prove it.



Section A - Denominators are the same

1. $\frac{3}{5} + \frac{1}{5}$	2. $\frac{8}{9} - \frac{1}{9}$	3. $\frac{3}{10} + \frac{5}{10}$	4. $\frac{15}{21} - \frac{8}{21}$
5. $\frac{5}{12} - \frac{1}{12}$	6. $\frac{2}{6} + \frac{1}{6}$	7. $\frac{6}{7} - \frac{3}{7}$	8. $\frac{2}{5} + \frac{1}{5}$
9. $\frac{2}{7} + \frac{8}{7}$	10. $\frac{3}{13} + \frac{2}{13}$	11. $\frac{5}{8} - \frac{2}{8}$	12. $\frac{7}{15} + \frac{4}{5}$

Section B - Denominators the different

1. $\frac{3}{8} + \frac{1}{4}$	2. $\frac{8}{9} - \frac{1}{3}$	3. $\frac{3}{5} + \frac{7}{10}$	4. $\frac{5}{7} - \frac{8}{21}$
5. $\frac{3}{4} - \frac{1}{12}$	6. $\frac{2}{5} + \frac{7}{20}$	7. $\frac{4}{7} - \frac{2}{35}$	8. $\frac{1}{4} + \frac{3}{16}$
9. $\frac{5}{7} - \frac{2}{49}$	10. $\frac{5}{24} + \frac{3}{8}$	11. $\frac{5}{16} + \frac{1}{2}$	12. $\frac{1}{25} + \frac{4}{5}$