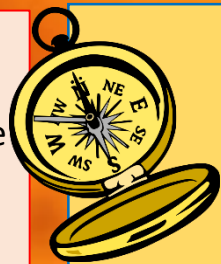


Maths

- This week's theme on [White Rose Maths](#) is percentages, fractions & decimals. Have a look at the daily teaching videos and have a go at the activities. If you want to extend your learning even further check out the BBC Bitesize daily activities:
- <https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons>
- This week on Times Tables Rockstars it is Y5 v Y6 – who will be the winners? Finally, can you recall metric conversions? (Spring Term 1 KIRFS – slide 4)



Year 5

Home Learning Project

Week Beginning: 22.06.2020

Theme: Explorers

If you have any work that you are really proud of, email it to helen.clarke@danebank.tameside.sch.uk to show one of the teachers!

To kick off this week's Home Learning project you need to watch this video all about the life of Explorer [Ibn Battuta](#)

Art and Design

Read a little bit about Islamic art: <https://kidworldcitizen.org/islamic-art-lesson-for-kids> Then have a go at one of the art projects. Could you make a tessellation or a home made stamp?



Science

There was no sat nav or Google maps when Ibn Battuta made his colossal journey to Mecca. So how on earth did he use the stars to guide the way?

Have a look at this:

<https://www.bbc.co.uk/bitesize/clips/zdspyrd>

Stars are fascinating and there is so much to learn. Have a go at some of these [activities](#).

The telescope would come in really handy on a clear night! Or just read more about stars [here](#) and then take the quiz to test your knowledge!



Geography or History

Ibn Battuta mentions the Seven Wonders of the World. Can you do some research to find out what they are? Then, based on your research, it is up to you to decide which is the most wonderful! You could make a fact file from 1-7, or you could create Top Trumps style cards to allow others to battle with the wonders!

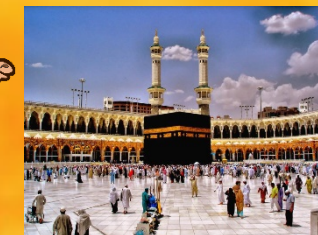
English

Have a go at some of the activities on BBC Bitesize daily:

<https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1>

Fed up of reading to yourself? Why not let David Walliam's read to you! He has released lots of audio books on his website which you can go to [here](#).

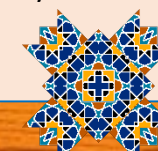
And don't forget you can access lots of free e-books on [Oxford Owl](#).



RE – Mecca

Watch [this video](#) about a Muslim's pilgrimage to Mecca. Now imagine you can visit one place on earth, wherever you choose, to help you to be a better human being. Where would you go, and why?

Make a 5 point plan for your spiritual journey including who would go, how you would travel, what you would take, what you would do when you got there and what you would think about. Maybe one day you can make this journey real!



Year 5
Home Learning Project – Maths
 Week Beginning: 22.06.2020

Monday	Tuesday	Wednesday	Thursday	Friday												
<p>Circle the multiples of 5 25 32 54 175 554 3000 What do you notice about multiples of 5?</p> <p>7135 is a multiple of 5. Explain how you know.</p> <p>Roll 2 dice (1-6) (you can use an online dice!) and multiply the numbers you roll. List all the numbers that this number is a multiple of. Repeat the dice roll. Use a table to show your results. Can you spot any patterns?</p>	<p>Remind yourself what factors are</p> <p>What are the factors of 60? 9 6 8 4 12 5 60 15 45 Which factors of 60 are not shown?</p> <p>Fill in the missing factors of 24 1 x _____ x 12 3 x _____ x _____</p> <p>What do you notice about the order of the factors? Use this method to find the factors of 42</p> <p>Play the factor game</p>	<p>Make 234 on a place value grid using counters (just draw them!)</p> <table border="1" style="margin: 10px auto;"> <tr> <th style="background-color: #d9ead3;">HTh</th> <th style="background-color: #d9ead3;">TTh</th> <th style="background-color: #d9ead3;">Th</th> <th style="background-color: #d9ead3;">H</th> <th style="background-color: #d9ead3;">T</th> <th style="background-color: #d9ead3;">O</th> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">○</td> <td style="text-align: center;">○ ○</td> <td style="text-align: center;">○ ○</td> </tr> </table> <p>where will I move my counters? Is this always the case when multiplying by 10? What about 100? What about 1000?</p> <p>Complete the following using a place value grid: 234 x 100 = _____ = 324 x 100 _____ = 3406 x 1000 1000 x 207 = _____ 45020 x 10 = _____ 100 x 36 = _____</p>	HTh	TTh	Th	H	T	O				○	○ ○	○ ○	<p>Divide 460 by 10 Divide 5300 by 100 Divide 62000 by 1000 Divide these numbers by 10,100 & 1000: 80000 300000 547000</p> <p>Calculate 45000 ÷ 10 ÷ 10 How else could you calculate this?</p> <p>? x 10 = 1820 ? ÷ 10 = 700 ? X 100 = 1200 ? ÷ 100 = 53 ? X 10 = 89.2 ? ÷ 10 = 89.46 ? X 100 = 7890 ? ÷ 100 = 4.35 ? X 1000 = 4350 ? ÷ 10 = 59.6</p>	<p>36 x 5 = 180 Use this fact to solve the following questions: 36 x 50 = 500 x 36 = 5 x 360 = 360 x 500 =</p> <p>Here are 2 methods to solve 24 x 20: 24 x 10 x 2 24 x 2 x 10 = 240 x 2 = 48 x 2 = 480 = 480</p> <p>What is the same about the methods? What is different?</p>
HTh	TTh	Th	H	T	O											
			○	○ ○	○ ○											
<p>Always, Sometimes, Never</p> <ul style="list-style-type: none"> The product of two even numbers is a multiple of an odd number. The product of two odd numbers is a multiple of an even number. 	<p>Eva's age is a multiple of 7 and is 3 less than a multiple of 8</p> <p>She is younger than 40</p> <p>How old is Eva?</p>	<p>I am thinking of two 2-digit numbers. Both of the numbers have a digit total of six. Their common factors are:</p> <p style="text-align: center;">1, 2, 3, 4, 6, and 12</p> <p>What are the numbers?</p>	<p>True or false?</p> <ul style="list-style-type: none"> 1 is a factor of every number. 1 is a multiple of every number. 0 is a factor of every number. 0 is a multiple of every number. 	<p>How many square numbers can you make by adding prime numbers together?</p> <p>Here's one to get you started:</p> <p style="text-align: center;">2 + 2 = 4</p>												

Year 5
Home Learning Project – English
 Week Beginning: 22.06.2020

Monday	Tuesday	Wednesday	Thursday	Friday
Spelling, Punctuation and Grammar Activities				Extended write
Pick 5 Common Exception words from the Year 5/6 spelling list here . Write three clues for each of the words and see if your parents can guess them.	Can you create a transport glossary of these terms: underground, cargo, gangway, pedestrian, terminal & voyage?	Using the vocabulary from yesterday, apply these words into sentences to show your understanding of the meanings	Work out the Year 5/6 words from these bouncing anagrams?	<p><i>Have a go at writing your own 'Rihla': an account of a real or imagined journey . This is what Ibn Battuta did.</i></p> <p>You could think of a journey you have already been on, or you could imagine a journey you would love to make one day. Try to inspire people to visit the places you describe (using persuasive and descriptive language).</p>
Reading and Comprehension				
Read this text all about Cesar Chavez https://www.ducksters.com/biography/cesar_chavez.php		Watch this video (you may want to skip the intro – go to 3 mins in): https://www.youtube.com/watch?v=d7bzvi3ggVA		
<p>Find out the meaning of these words:</p> <ul style="list-style-type: none"> lived in an adobe home built by his grandfather The farmers seldom treated them <p>Then answer these:</p> <ol style="list-style-type: none"> What is Cesar Chavez known for? Why did his family move to California? What did Cesar do when he was 19 years old? What happened to the workers who complained about the poor conditions? What did Cesar do to bring attention to his cause? 	<p><i>Cesar went back to working in the fields where he could recruit workers to his union. It was a tough sell. People didn't believe that the union could work.</i></p> <p>Find and copy the phrase which suggests this strategy did not work.</p> <p>Do you believe there is a group of people who are under represented and would need to start their own union? Would you lead this union?</p>	<ol style="list-style-type: none"> What did Audrey and her mother cook when Mike flew into town? Name one of the segregation laws. What was Mike's other name? What was the punishment for breaking the segregation laws? What did the City of Birmingham do at the end? <p><i>When Mike visited Fred's church, thousands of people crowded around her to hear him preach. In a voice as taut as steel cables, as smooth as glass, he intoned,</i></p> <p>Find a phrase which shows Audrey's or the listener's admiration towards Mike.</p>	<p><i>Every mealtime, Audrey stared at greasy grits. She could barely spoon them into her mouth, let alone swallow them. Every night, the cot's wire springs jabbed. Every morning, she had nothing to do but sit alone with her game.</i></p> <p>What emotion is the author trying to elicit from the reader?</p> <p>Summarise the story in a short paragraph.</p>	



Year 5 – Spring 1

I can recall metric conversions.

1 kilogram = 1000 grams

1 kilometre = 1000 metres

1 metre = 100 centimetres

1 metre = 1000 millimetres

1 centimetre = 10 millimetres

1 litre = 1000 millilitres

- They should also be able to apply these facts to answer questions.
- e.g. How many metres in $1\frac{1}{2}$ km?

Top Tips

The secret to success is practising **little** and **often**.

Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Look at the prefixes – Can your child work out the meanings of *kilo-*, *centi-* and *milli-*? What other words begin with these prefixes?

Be practical – Do some baking and convert the measurements in the recipe.

How far? – Calculate some distances using unusual measurements. How tall is your child in mm? How far away is London in metres?