**Home Learning**

**Year 6**

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| **This Week’s Maths Tasks** | **WC 13TH April 2020** |
| **Mental Maths*** Please practise your times tables knowledge. These are important to so many areas of Maths. Some ideas for practising these are:
	+ Times Tables Rockstars (I will keep an eye on how you are all progressing) Please feel free to challenge me too!
	+ Through a throwing and catching game-one person says the multiple and the other shouts the times tables back.
	+ Play ‘Hit the button’ games-search for website-there are other games on here linked to square numbers and doubles and halves.
* Practise adding several numbers together-use your digits cards/number fan to randomly choose 5/6 numbers and add them together.
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| **Activity 1** – **To recognise the place value of each digit in a numbers up to 1 million*** + Make a 6 digit number using digit cards/number fan. Partition it to show what it is made up from. Underline a value in a place value column and tell me what it is worth, e.g. 3**4**5,286 = 40,000. Complete 10 of these.
	+ Play with a partner-pick a digit card and you decide which place value column to put it in, then your partner goes. Who can make the largest number?
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| **Activity 2-To add and subtract whole numbers with up to 6 digits.*** Create 2 6 digit numbers and add then together-complete 6 of these. Do the same for subtraction but remember to out the larger number on the top.
* Get a family member to create some correct or incorrect calculations for you to check! What mistake have they made?
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| **Activity 3-To calculate and use ratios in context*** <https://whiterosemaths.com/homelearning/year-6> -Using the video help clips, complete the activities. Choose a minimum of 2 to complete. Either print them out and complete or write answers in your Home Learning book.
* Using a packet of Smarties/skittles/other sweets that come in colours-work out what the ratio of e.g. red to green are etc. write down 8 ratios-can you write them as fraction-what proportion of the whole amjou0nt are red/green? Then **eat** them! (Remember to wash your hands first!)
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| **Challenge Time-**Try to complete the word problems, this is a greater depth activity. |
| **Useful Links and Videos*** <https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths>
* <https://mathsframe.co.uk/en/resources/category/22/most-popular>
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