Grade 5/6 Numeracy Grid

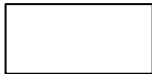|			
Wish list: You have been afforded a hypothetical $5,000 reward. Use estimation, or the internet to identify and record how you would spend your money.	**Angle Safari:** Go into a room in your house and tally all of the acute angles, right angles and obtuse angles. Represent your findings in a column graph.	**Operation Operations:** Please work at your level of need. Be sure to show your working out. $16 + 23 =$ $18 \times 7 =$ $7824 + 1978 =$ $64 + 47 =$ $367 \times 8 =$ $4231 - 1879 =$ $34 - 13 =$ $36 \div 3 =$ $2385 \times 23 =$ $75 - 38 =$ $615 \div 5 =$ $892 \div 9 =$	Area expansion: 5cm [rectangle] 3cm Enlarge this shape. Make it 4 times larger than it is now. Can you calculate the perimeter and area of this shape?
Tick Tock: This Snap lockdown is planned to run for 5 days in total. Can you calculate how many hours there are in these days? How many minutes are there in these hours? How many seconds are there in these minutes? How many milliseconds are there in these seconds?	**Exploring the Unknown:** Pre-algebra problems What could replace the question marks in these number sentences? $? + 12 = 32$ $83 - ? = 29$ $24 - ? = 20 - 10$ $? + 16 = 25 - 4$ $4 \times ? = 2 \times 10$ $9 + 12 = 3 \times ?$ $4 \times ? = 16$	**Multiple Multiples:** You will need: A deck of cards, a dice or the ability to google 'Random number Generator'. Randomly generate two numbers up to 12 using a deck of cards, with a dice, or using a random number generator. Multiply these two factors together. If you have someone at home with you, you could compete to see who can identify the solution first. You may also choose to work together. Alternatively you may like to see how quickly you can recite your times tables. You may find this ridiculous video helpful or humorous: https://www.youtube.com/watch?v=_UVcNBjoxs4	**Fraction Tasks:** $\dfrac{1}{2} = \dfrac{?}{20}$ $\dfrac{1}{5} = \dfrac{?}{25}$ $\dfrac{1}{4} + \dfrac{2}{4}$ $\dfrac{4}{7} - \dfrac{2}{7}$ $\dfrac{1}{4} + \dfrac{3}{8}$ $\dfrac{2}{5} - \dfrac{3}{10}$ $\dfrac{2}{4} + \dfrac{1}{3}$

Please note that these activities will develop in difficulty. Ensure that students work at their point of need.