

Mental Maths

- Practise your times tables knowledge. Use all 4 operations, e.g. $3 \times 4 = 12$ so $4 \times 3 = 12$, $12 \div 3 = 4$ and $12 \div 4 = 3$.
- Set a timer how many can you write down in 1 minute?
- Roll a dice then multiply the number by each times table, 1 then 2, then 3 etc.. Record your answers.

Activity 1 - To recognise the place value of each digit in a four - digit number (hundreds, tens, ones).

Look at these numbers 3 4 1 7

1. Working in a systematic way find all the different 4 digit numbers you can make. Only use each number once.
2. Write down which numbers had the most 1's, 10's, 100's and 1000's.
3. Now do the inverse, what numbers had the least 1's, 10's, 100's and 1000's.
4. 2222 can be partitioned into 2000, 200, 20 and 2... Show a break-down of how 3417 could be partitioned Jumble up the numbers and have another go.

Activity 2 - Be able to add and subtract numbers with up to 4 digits.

Have a go at writing out using column method and completing these:

$$66 + 23 \quad 76 + 18 \quad 77 + 54 \quad 86 - 14 \quad 79 - 17 \quad 94 - 16$$

$$225 + 15 \quad 137 + 26 \quad 173 + 48 \quad 246 - 14 \quad 469 - 27 \quad 534 - 21$$

$$3457 - 234 \quad 4762 + 473 \quad 8327 + 236 \quad 6437 - 237 \quad 7486 - 325 \quad 6327 - 3116$$

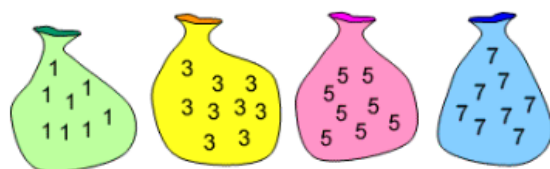
- Remember working as neat as you can! Check your work!

Activity 3 - Make me 37! Have a look at the numbers in the bags.

- What is the total of the blue and pink bags?
- Subtract the blue bag total from the yellow bag total
- Multiply green bag by the pink bag what is the total?
- How many digits are there altogether?

Task:

Four bags contain a large number of 1s, 3s, 5s and 7s.



Can you pick any ten numbers from the bags above so that their total is 37?

Activity 4

- Make a maths game with counters and a dice complete with instructions.

Useful Links and Videos - TT Rockstars, <https://www.bbc.co.uk/bitesize/topics/zy2mn39>