

## Home Learning - Year 2

### This Week's Maths Tasks

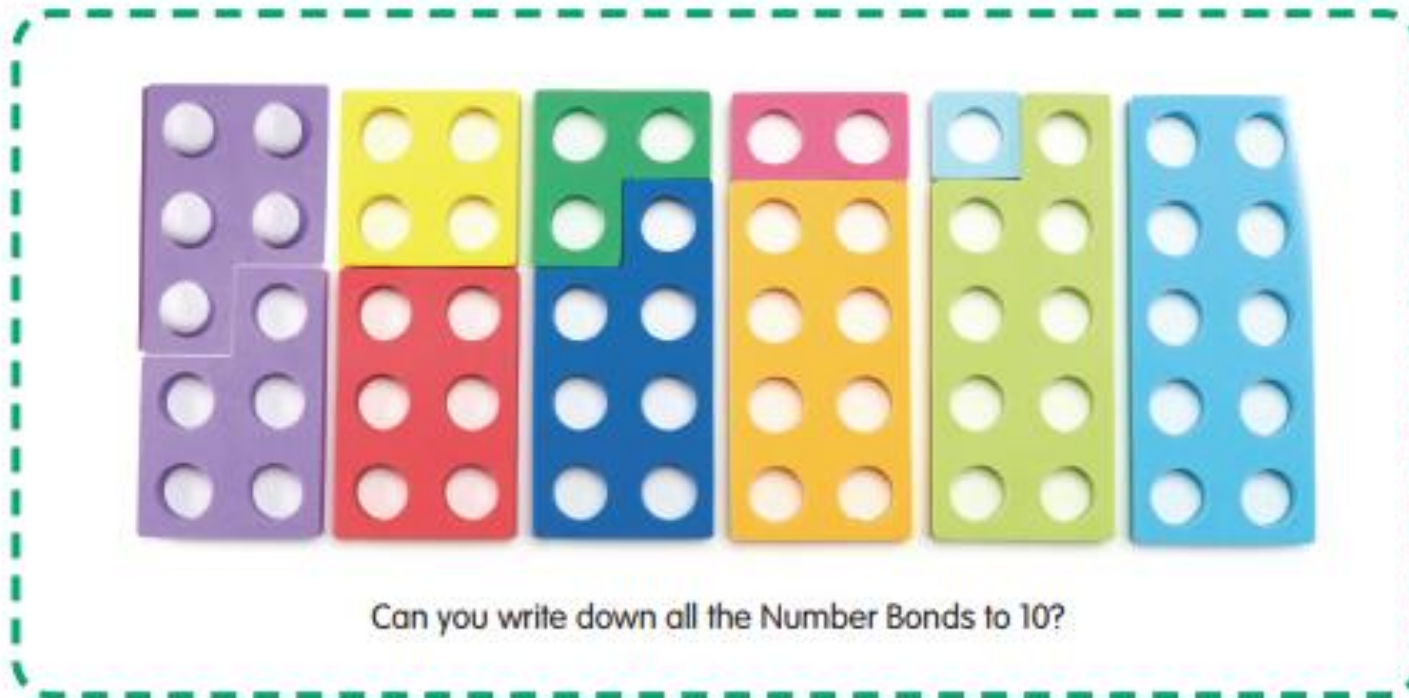
WC - 20<sup>th</sup> April 2020

#### Mental Maths

- **5 minutes each day on Times Tables Rockstars.** Remember to complete a Studio activity once each week.
- **5 minutes each day on Numbots** to practise quick retrieval of number bonds (find the button on the Times Tables Rockstars website). Use the Story mode to begin with. This will show you how to solve the maths problems. Use the Challenge mode later on to test that you remember how to do the maths – how many can you answer correctly in the time?

#### Activity 1 – Number Bonds

**Number Bonds** are pairs of numbers that make up a given number.



- Now, can you find all the number bonds to 20?

## Activity 2 – Adding coins

Using 3 different coins each time, how many totals can you make?



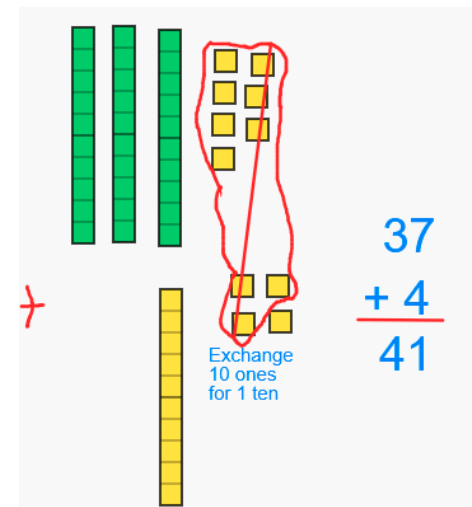
Example:

$$\textcircled{5\text{p}} + \textcircled{2\text{p}} + \textcircled{1\text{p}} = 8\text{p}$$

## Activity 3 – Adding 1s

- Use the Base 10 interactive resource on <https://www.mathlearningcenter.org/resources/apps/number-pieces> (this is also available as a free iPad or Android app). You could draw the number (as Base 10) instead, if you prefer.
- Remove all picture cards from a pack of playing cards, except the Ace which will count as '1'.
- Draw two cards to make a 2-digit number
- Make this number using the Base 10 blocks.
- Draw another card.
- Add this amount to the number that you made.
- Write down your addition using column addition (see the example).
- *Top Tip: Remember that if you have 10 or more ones, then you must exchange ten of them for a ten stick and place it in the tens column.*

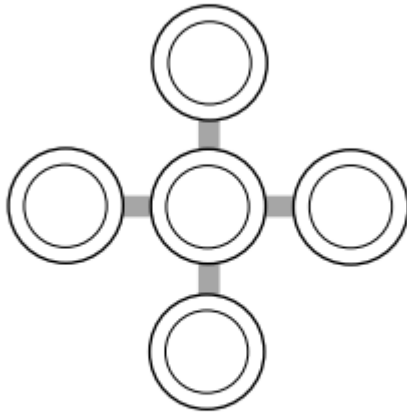
For example:



#### Activity 4 – Challenge!

### Cross-road

You need 5 paper plates and 15 counters.  
Put the plates in a cross.



Use all 15 counters.  
Put a different number on each plate.  
Make each line add up to 10.

Do it again.  
This time make each line add up to 8.

#### Useful Links and Videos

- Base 10 resource: <https://www.mathlearningcenter.org/resources/apps/number-pieces>
- Number line resource: <https://apps.mathlearningcenter.org/number-line/>