Year 2 Half-Term Maths Fun

This term in Year 2 maths lessons we have been:

- Counting forwards and backwards in 1s within 120, 2s up to 30, in 5s up to 50, 3s up to 30 and 10s up to 120
- Making numbers in different ways using tens and ones rods and 10p and 1p coins
- Learning number bonds for 10, 20 and 100 off by heart
- Making addition and subtraction fact families for numbers up to 20
- Adding 10 and subtracting 10 from any number up to 100

Ideas to help your child to enjoy maths at home. Your child may need apparatus or number charts to help them. Always stay positive and encourage them. Have fun! Don't forget snakes and ladders or dominoes too!
Visit https://www.stmargaretmarysinfant.com/information/liverpool-counts

Counting games – this really helps your child with number order and addition and subtraction
- 'Counting tennis' Start with a number and your child says the next number. Then continue.
- 'I say, you say' Adult says 3 numbers and your child says the next 3 numbers in the sequence. This can be used for counting in 1s, 2s, 3s, 5s and 10s.
- 'Spot the mistake' Say or write a number sequence (again it can be in 1s, 2s, 3, 5s or 10s) with one mistake in and the children have to find the mistake. Challenge – ask why it is wrong.
- Online games https://www.topmarks.co.uk/maths-games/5-7-years/counting
  http://www.ictgames.com/mobilePage/counting.html
  Splat the pattern on the 100 square http://www.mathszone.net/mw/number/100sq/index.html
  Don't forget to use backwards sequences as children struggle with this the most.

Making numbers – this really helps children to understand the value of numbers such as how many ten and ones
- 'Shop' Play shop and label items with prices. Have 10ps and 1ps and ask your child to make the price using the 10ps and 1ps. Play together. Children love it when you make a mistake and get the wrong coins!
- 'Build me' You need a pile of lego bricks of the same size and two dice. One dice represents the tens and the other represents the ones. So e.g. if you roll 24 ask your child to build a tower of 2 tens (a tower can be no bigger than 10- we call this a 'quick ten' as it is easier to count when counting the total) and 4 ones.
- Online games http://mathszone.co.uk/count-and-understand/place-value-partitioning/shark-numbers-ict-games-2/

Learning number bonds up to 10, 20 and 100 – children recall facts in order to help them add and subtract
- 'Number bond tennis' Pick a target number e.g. 7. Adult says 4 and the child must say the number needed to add to 4 in order to total 7. Repeat. If you say the pattern in order then this can help e.g. say 0 and the child says 7, then 1 and they say 6, then 2 and they say 5. Discuss patterns.
- 'True or false' Pick a target number e.g. 10 and say a fact e.g. 4 + 7 = 10. Your child can then answer true or false. Challenge – what should the fact be?
- Online games https://www.topmarks.co.uk/maths-games/hit-the-button the children have loved this game
  https://www.topmarks.co.uk/maths-games/daily10 daily 10 questions
  https://www.youtube.com/watch?v=lD9tjBUiXs0 Jack Hartman YouTube songs
  https://www.youtube.com/watch?v=SD028NO-ZGc Number bond to 10 games with playing cards

Making addition and subtraction fact families for numbers up to 20
- Say 3 related numbers e.g. 9, 1 and 10. Can you say the 2 addition and subtraction sentences using these numbers? 1 + 9 = 10, 9 + 1 = 10, 10 – 1 = 9, 10 – 9 = 1
- Online games https://www.topmarks.co.uk/number-facts/number-fact-families

10 more and 10 less starting from any number
- 'Shop' Play shop but increase the prices by 10p or reduce the prices by 10p.
- 'Counting tennis' As above but start on a number that isn't a multiple of 10 e.g. 6 and count forward in 10s or start at e.g. 78 and count back in 10s.
- 'Odd one out' Say a sequence e.g. 45, 55, 66, 75. Which is the odd one out? Challenge – can they explain why?
- Online games https://www.topmarks.co.uk/learning-to-count/chopper-squad
  https://www.ictgames.com/mobilePage/hundredHunt/