**To know number bonds to 20.**

**To know odd and even numbers to 20.**

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

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| **Number Bonds to 20**  **What can this look like?**  Free Printable Number Bonds for 20 | Creative Center Concrete: Pictorial: Abstract:  number bondsNumber Bonds to 20 - Maths with Mum  **Questions to ask at home**   * What do we need to add to 13 to make 20? * If I have 10, how many more do I need to get to 20? * What is the difference between 20 and 12? | **Key Vocabulary**  12 **add** 8 **equals** 20  18 **plus** 2 is **the same as** 20 20 **take away** 7 **equals** 13  20 **subtract** 3 **makes** 17  20 **minus** 9 **equals** 11 |
| **Odd and even numbers to 20.**  Under the Sea Odds and Evens Curved 0 to 20 Number Line  **Questions to ask at home**   * What is the next even number after 8? * Can you count in even numbers from 0 – 20? * Starting at 1, can you say all the odd numbers to 20? | **Key Vocabulary**  **odd**  **even** |

**Top Tips**

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

Chants- Practice chanting the number bonds.

Paper Chains- Use two different colours to make paper chains to show each number bond, for example 14 + 6 could be shown as 14 green links and 6 blue links.

Say it, make it, write it- For each number bond, say it our loud, make it using everyday objects and then write it as a sum.

Pegs – Put 20 pegs on to a coat hanger, split them in different ways and count how many pegs are on each side. E.g. 14 pegs + 6 pegs = 20 pegs (14+6=10).

**Websites:**

White Rose video: Spring 1.2.5 Find and make number bonds. <https://vimeo.com/490882337>

Funky Mummy - Quick recall of addition, subtraction and multiplication facts (ictgames.com) <https://www.ictgames.com/mobilePage/funkyMummy/index.html>

Smoothie Maths Practise number facts to 10, then 20 (ictgames.com) <https://www.ictgames.com/mobilePage/smoothie/index.html>