Key Instant Recall Facts
Year 6 – Spring 2

Key Vocabulary
prime number

composite number

factor

multiple

I aspire to identify prime and composite numbers to 100.

By the end of this half term, pupils will be able to identify and classify all prime and composite numbers up to 100, and recall key number facts.

Prime Numbers

Composite Numbers

Key Questions
How many even prime numbers can they find?
How many odd composite numbers are there?

Top Tips
The secret to success is practising little and often. Use time wisely. You don't need to practise them all at once: perhaps you could have a family of the day.

Your Home learning this half term...

Challenge 1:		**Maths Splat** Scan the QR code and splat all of the Prime numbers up to 100. Write them down and see if you can create a song to remember them. You may want to share your song with your class.
Challenge 2:		**Maths Splat** Scan the QR code and splat all of the composite numbers up to 100. Write them down. What is a composite number?
Challenge 3:		Scan the QR code, watch the video clip and answer the following questions. What is a prime number? How do you know that 7 is a prime number? Is 41 a prime number? Explain your reasoning.
Challenge 4:		Scan the QR code and complete the activity and quiz on this webpage.
Challenge 5:		Scan the QR code, watch the video clip and answer the following questions. How do you know 20 is a composite number? Is 49 a composite number? What is the difference between a composite number and a prime number?
Challenge 6:		1. Write a composite number that has exactly 3 factors. 2. Circle the **prime numbers**. 14 17 19 21 23 3. Leo says: "51 is a prime number because it is odd." What mistake has Leo made? Explain your reasoning.