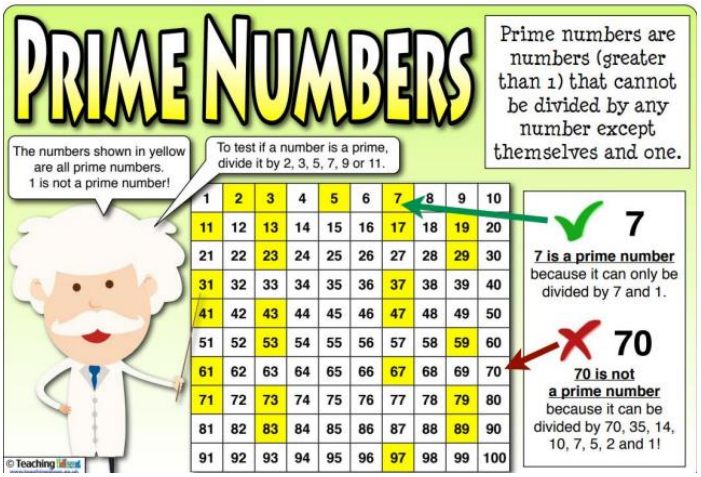
Year 5 Spring Term 2

KIRF: **I can recall all the prime numbers to 50.**

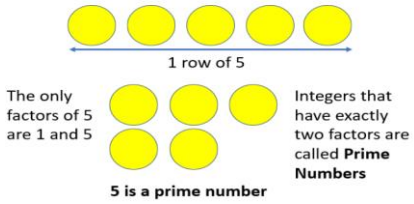
This half term, the children will be learning to recall square numbers up to 122 instantly. Square numbers have an odd number of factors and are the result of multiplying a whole number by itself.

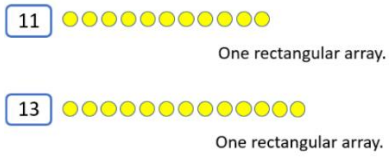


Key Vocabulary:
prime
composite - numbers that have more than two factors
factors - numbers that divide another number, leaving no remainder

What are the factors of …
Which of these numbers are prime/composite? How do you know?

What can this look like?
Concrete, Pictorial Abstract:





Is 29 a prime number?
How do you know?

Activity ideas:
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? You don't need to practise them all at once: perhaps you could have a fact of the day.
Create a board game or a treasure hunt related to prime numbers.
Make some flashcards and ask a family member to test you- how quickly can you identify which are prime and which are composite?
Make up a song about the prime numbers. Perhaps you could sing the prime numbers to a famous tune
Play 'Ping Pong' with a partner: Take it in turns to count up in prime numbers.

Websites:
TTrockstars Children all have their username and password to practice in the "Garage" and the "Arena".
MyMaths Children will be set weekly home learning
BBC- prime numbers
Pick the Primes
Ninja Primes