

Master Odd and Even Numbers 11 to 20 B

Rationale

In this step, pupils will build on their practical exploration of odd and even numbers to 20. They will identify that the pattern of odd and even numbers continues to alternate when counting in 1s using a number track to 20. They will identify that the ones digit determines whether a number is odd or even.

Pupils will apply their learning to identify whether numbers presented in numerals are odd or even.



Key Stem Sentences

- The pattern of numbers is ____, ____.
- ____ is an odd / even number.
- The ones digit is odd / even so ____ is an odd / even number.



Key Vocabulary

- odd / even
- digit
- ones
- pattern



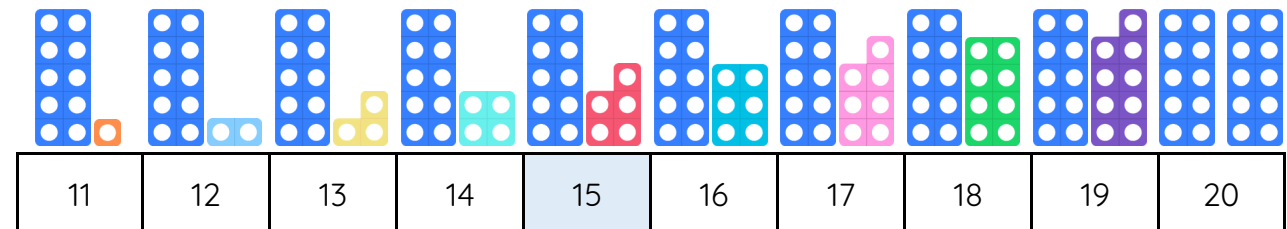
Common Errors or Misconceptions

- Pupils may miscount on the number track, resulting in incorrect identification of odd and even numbers.



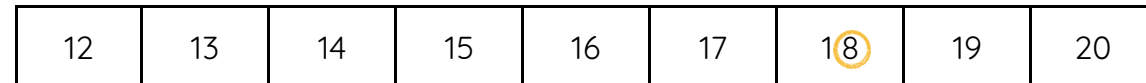
Key Representations

Number tracks and Numicon



The pattern of numbers is odd, even. 15 is an odd number.

Number tracks



The ones digit is even so 18 is an even number.



Pupils will FLOURISH if they can...

- describe the pattern of numbers when counting in 1s as odd, even or even, odd.
- identify 11, 13, 15, 17 and 19 as odd numbers.
- identify 12, 14, 16, 18 and 20 as even numbers.
- explain their understanding using verbal sentences and concrete apparatus.

