

Maths, Year 1, Spring 2

This term I will be learning and practising

Unit 9:
Addition
and
Subtraction
within
20.

I can represent and use number bonds and related subtraction facts within 20.

I can add and subtract one-digit and two-digit numbers to 20.

I can read write and interpret mathematical statements involving addition, subtraction and equals signs.

I can solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = _ + 9$.

Unit 10:
Fractions

I can recognise, find and name a half as one of two equal parts of an object, shape or quantity.

I can recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Complete a whole turn

How do you know when you have completed a whole turn?

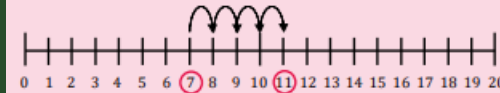
Did you turn clockwise or anti-clockwise?



clockwise

anti -
clockwise

Matching representations



This shows the difference between 7 and 11. There are four jumps on the number line. The difference between 7 and 11 is four.

This also shows the difference between 7 and 11. It jumps from 7 to 10 which is a jump of three and then one more to 11. Three and one is equal to four. The difference between seven and 11 is four.



difference make ten

'make ten'

Equal and unequal parts

I have folded my paper into roughly four equal parts. I know because when I fold it, the edges are close together, making the four parts equal. I've made quarters.

Mine is folded into four unequal parts. I know that because the edges do not line up when I fold, and there is an overlap.



equal

part whole equal unequal divide half

unequal



Talk Task



Let's Explore

STAR Words

Unit 9 - Addition and Subtraction within 20.

compare	Look for similarities and/or differences between at least two objects or sets.
fewer	A lesser amount - used when counting discrete objects.
more	A greater amount.
difference	The numerical difference between two numbers or sets of objects. It is found by comparing the quantity of one set of objects with another.
greater than	Used to compare two numbers. One number is larger than another.
less than	Used to compare two numbers. One number is smaller than another.
greater	One quantity is larger than another.
less	A smaller amount or not as much.
'make ten'	A way to add numbers by making 10 first.
subtract	Carry out the process of subtraction.
equation	A number sentence that show two things are the same.
add	Carry out the process of addition.
represent	To write or show a number or quantity using objects, drawings or symbols.



Unit 10 - Fractions

part	A piece of a whole.
whole	All of something, it is complete.
equal	Indicates equivalence between two values and can be expressed with the symbol '='. The symbol is read as 'is equal to' which means the same as. Expressions on either side of the symbol have the same value.
unequal	When two things are not the same.
divide	To share or group into equal parts.
half	One of two equal parts of a shape, quantity or object.
share	To distribute fairly between a given number of recipients. This is one model for division.
quarter	One of four equal parts of a whole, quantity or object.
turn	When you change direction.
three-quarter	Three out of four equal parts of a whole, quantity or object.
clockwise	Movement in the direction of the hands of a clock.
anti-clockwise	Movement in the opposite direction to the motion of the hands of a clock.

Key Learning: To write addition equations to represent comparison situations

How many more boys or girls are needed so each has a partner?



Draw lines to show the partners.
How many more boys are needed so each has a partner?



How could you write an equation to show this?

1) There are three boys and four girls.

$$\boxed{3} + \boxed{\quad} = \boxed{4}$$

equation

Independent Task

compare

Halima has eight marbles. Ben has three fewer marbles than Halima. How many marbles does Ben have?

I'll show Halima's eight marbles with eight counters. Ben has three fewer, so I'll make a row of eight and then take three away.

We know that Halima has eight marbles. And we know that Ben has three fewer than Halima.

★ compare difference
more fewer
represent equation ★

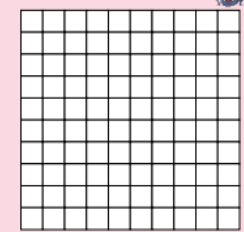
Task Task

half

quarter

Key Learning: To identify half, quarter and three-quarter turns

Turtle is going to Anansi for dinner.
Draw a route for Turtle.
Write instructions for Turtle to follow.



- half
- clockwise
- quarter
- anti-clockwise
- three-quarter
- forwards
- turn

Independent Task