

Number 11 to 20 – wb 27.04.20

This week we would be covering 'Numbers 11 to 20' in school. We have created this document to provide you with suggested activities.

Don't forget we have uploaded the White Rose maths guidance for Spring, which contains a range of activities and teaching notes. This is what we use to guide our planning.

We would start all of our maths lessons with a number blocks video to introduce each new number (block). The children really love these videos and help them to remember the numbers. The links to these videos are on the home learning page.

Suggested activities:

Any of the activities below can be completed to support learning about numbers 11 to 20. You can also challenge the children with these activities by asking questions such as:

- If I added 1 more, how many would I have?
- If I took two away how many would I have?
- I think there's 15 there, am I correct? Why/Why not?

Indoor/Outdoor learning

Encourage your child to go looking for a certain amount of objects and put these into a bucket eg. Sticks and stones. When they come back get them to count these out to check that they have the correct amount.

Actions

You could ask your child to complete a certain number of actions eg. 11 claps, jumps, hops, fist pumps etc.

Playdough

You could encourage your child to split the playdough up into a number of parts eg. 16.

Lego

You could give your child a number, eg. 14 and encourage your child to make a tower of blocks with this amount.

Painting

You could encourage your child to create a painting with a certain number of flowers, shapes, cars, trees etc.

The following activities are suggested by White Rose Maths:

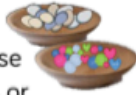
Reception - Number and Place value - Numbers to 20



Counting to 20

Various areas

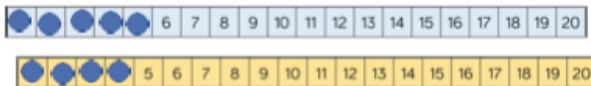
Provide different collections of loose parts such as shells, buttons, beads or pebbles for the children to count.



Encourage the children to estimate how many first and to arrange the items onto 10 frames as they count to help them see the full 10 and part of the next ten.

Race to 20

Provide a number track from 1-20 for each child. Children take turns to roll a dice. If they roll 1-5, they collect the corresponding counters to fill their track. If they roll a 6 they go back to the start.



Enhancements to areas of learning

Don't say 20

A game for 2 players. On their turn, the players choose to continue the count with 1, 2 or 3 numbers. The next player continues the count.

Eg if the first player counts 1, 2, the second player could count 3 or 3, 4 or 3, 4, 5

The aim is to avoid saying 20.

Two 10 frames and 20 counters could be used to build the numbers as they count.

1 2 3 4 5 6 7 8 9 10 11



Bingo



Have sets of numerals from 11 to 20 and corresponding pictorial representations. Ask the children to choose 4 picture cards each.

Hold up the numeral cards one by one. If the children have a matching picture they place a counter on their card. The first player to cover all their cards wins.

© White Rose Maths

Reception - Number and Place value - Numbers to 20



Digging Deeper

Counting back

The counting choirs game can be extended to 20.

Divide the children into 2 groups.

The first group counts on in ones.

The second group counts back in ones.

You 'conduct' the choir by pointing at each group in turn.

11, 12, 13, 14, 15, 16 15, 14, 13, 14, 15, 16, 17,
16, 15, 14, 13, 12

One more, one less

Use the cubes to build a teen number.

Ask the children to identify which number you have made and discuss what one more and one less would be. Encourage them to build each number and line them up to check.

Can they continue the game beyond 20?

What patterns can they find?

Key questions

How many do I have?

Make the number which is one more than mine.

Make the number which is one less.

If I make 12, can you make one more?

What number comes after 20? And then? And then?

Spot the mistake

Make deliberate errors whilst counting up and down.

(A puppet is great for this)

Ask the children to listen carefully and stop you if they hear something wrong.

Errors can include omitted numbers, repeated numbers or numbers in the wrong place.

You could also play this game by asking children to watch carefully as you write number sequences.

12, 13, 41, 15, 16
18, 17, 16, 14, 13

© White Rose Maths