

Maths

03.02.2021



Overview

This week children compare and order numbers to 20. We check that children can match a numeral to 20 with the same number of objects in a set. Children estimate numbers of objects and images and begin to understand that teen numbers are ten plus some more.

Warm up song:

<https://www.youtube.com/watch?v=Aq4UAss33qA>



Main Focus

Order two or three numbers to 20.

Physical Resources

- interlocking cubes or Lego

Assessment:

Can children:

place three numbers up to 20 in order?



This activity is adult led.

Creating a track

Have ready two sets of number cards made from [Number cards 1-10](#) and [Number cards 11-20](#). Spread out on a table one set of number cards. Ask child/children to pick one card each and then build a tower that many cubes tall. They place their tower next to its matching card. Once all the towers are made, line the cards up in order from 1 to 20 along the far edge of the table and place a matching tower beside each one.

Now take a second set of 1–20 cards. Shuffle these and give one to each child/adult. You are going to order a set of three numbers. Take a card of your own and place it face up on the table. The next child/adult to you must place their card next to yours but if their card is higher, they place it above your card, and if it is lower, they place it below your card. If the child is not sure, they should look at the towers. *Is your card a bigger or a smaller number than mine?* Once they have placed their card correctly, the next child must place theirs. They have three choices. They can place it above the top card or below the bottom card or between the two cards. *Is your number the largest? Is it the smallest? Does it go in between?* If necessary, support the child in looking at the towers to help them.



Now pick up all three cards and return them to the bottom of the pile of cards. Give each of the first three children another card (adapt if doing this at home with adult support.)

Another child/adult then starts the process again by placing their card on the table. The next child/adult to them must place their card either above that card or below it. Then the next child has a three-way choice. Once there are three cards in order on the table, collect them and place them at the bottom of the pile and hand out new ones.

Keep playing, going round the group so that different children get a chance to be first, second or third at playing.

Support by : putting the line of towers along the table in front of them, and then matching the visible card to the one with the tower on it. Then the child can see exactly where their card needs to go. (**Yellow and Red group**)

Extend by : repeating the activity without the line of cards matched to towers. (**Purple, Blue and Green Group**)

