

Mathematics Plan – Reception Group 1

Week 1: Record numbers to 20; Count on or back 2 or 3

Week 1	Monday	Tuesday	Wednesday	Thursday	Friday
On the rug	<p>Starter: Hang numbers 1 to 20 on washing line. Turn 5 cards round. Chn work out each missing number in turn. Reveal to check. Rpt with 5 new nos.</p> <p>Teaching: Place 10 to 20 cards in a box. Slide them up one at a time, in random order, asking chn to guess what the no. might be. Discuss each no., point out the digit 1 followed by the other digit to make a teens number and discuss how 20 is written. Help chn to really focus on what each no. looks like. Show chn magnetic/threading nos. Blindfold a volunteer; help to trace her/his finger over one of the nos. Can she/he guess which it is? Rest of class can give her/him clues to help, e.g. it's the no. after 16. It's made from straight lines. Rpt with diff chn.</p>	<p>Starter: Display a 1-20 track. Shuffle a pack of 1-20 cards. Take 2 cards and show chn. They write the bigger number on their w/bs. Rpt.</p> <p>Teaching: Give one 10 to 20 card to each child. Display a 1-20 track. Choose a number from 8 to 17 on the track and ask a child to make a tower using that number of cubes. <i>If we add three cubes to the tower, how many cubes will be in the tower then?</i> Any chn with the answer hold up their card. Show how to count on three using the track. Rpt adding 2, then 3 using numbers from 8 to 17.</p>	<p>Starter: Display a 1-20 track. Shuffle a pack of 1-20 cards. Take 2 cards and show chn. They write the smaller number on their w/bs. Rpt.</p> <p>Teaching: Light 20 toys in a row. Put number cards 1 to 20 in front of each. <i>If we take the last two away, how many will there be?</i> Record the subtraction $20 - 2 = 18$ on the f/c. Rpt taking away the last two toys and write the subtractions.</p>	<p>Starter: Display 1-20 track. Shuffle pack of 1 to 20 cards, show one card. Chn write number that is one less. Rpt.</p> <p>Teaching: Show 20 pegs on a coat hanger and then hide them under a cloth. Remove one peg, <i>how many now?</i> Remove another, <i>and now?</i> And finally remove a third peg. <i>How many left?</i> Reveal the pegs to check. Record the subtraction, i.e. $20 - 3 = 17$. Cover the pegs with the cloth again. Rpt moving pegs one at a time, so that chn count back 3, then reveal to check. Rpt until there are only 2 pegs left.</p>	<p>Starter: Show chn a card with +1 on one side and -1 on the other. Show +1. Starting at 1 count on in 1s. Turn the card to show -1, chn count back. Rpt changing direction.</p> <p>Problem Solving <u>Sharing out items, sometimes with a remainder. (See slides)</u></p>

Alternatively look at <https://www.thenational.academy/online-classroom/reception/maths#subjects> for online lessons.