

Marvellous Maths Year R



Learning objectives:

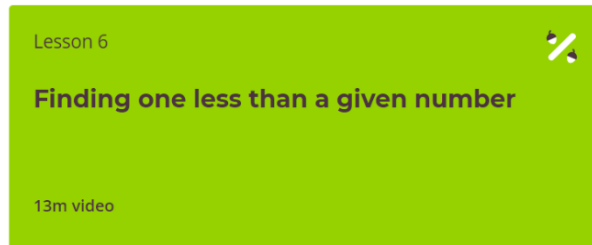
- Counts an irregular arrangement of up to 10 objects
- Says the number that is one more than a given number
- Finds one more or one less from a group of up to 5 and then 10 objects.

ELG: Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number.

Monday

The focus of today's lesson is to find one less than a number up to 20. Before you click on the link below you will need the number line or number grid from last week and 20 small objects that will fit on your number line/number grid (such as cheerios/cornflakes as before).

Now click on the lesson below:



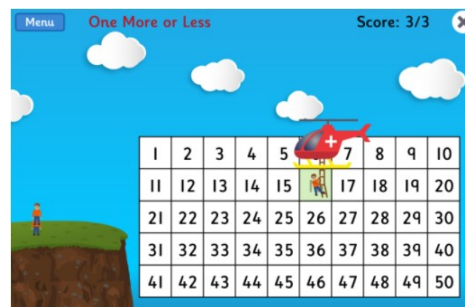
<https://classroom.thenational.academy/units/numbers-within-20-edc2>

Follow on task

Continue to play the number grid game shown on the video. You will need cards to 20 (made last week) and the grid. Choose a card and ask your child to find **one less**.

Your child could also practise finding **one more and one less** by playing this game. Click on the link below and set the number range to suit your child. The range can go all the way to 100!

<https://www.topmarks.co.uk/learning-to-count/chopper-squad>

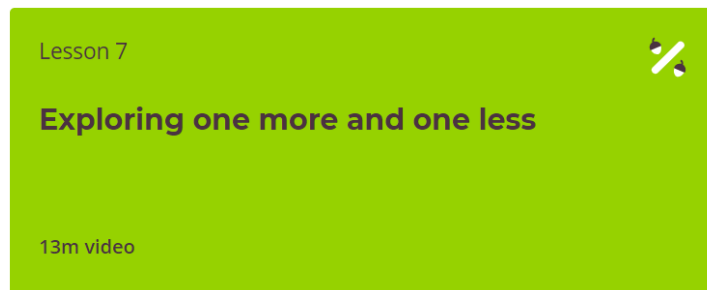


Tuesday

For this lesson you will need a number line, 20 small objects, number cards to 20 and a 2p coin.

Click the link below to watch lesson 7, exploring one more and one less.

<https://classroom.thenational.academy/units/numbers-within-20-edc2>

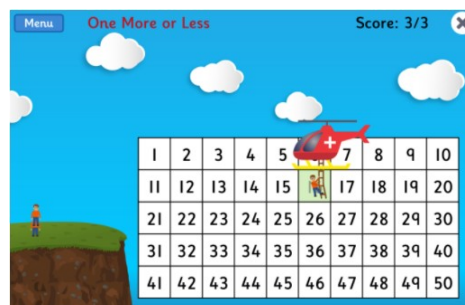


Follow on task

Continue to play the coin game shown in the video. Turn over a card and ask your child count out that many objects. They then need to flip a coin. If it lands heads up add one more, tails then find one less.

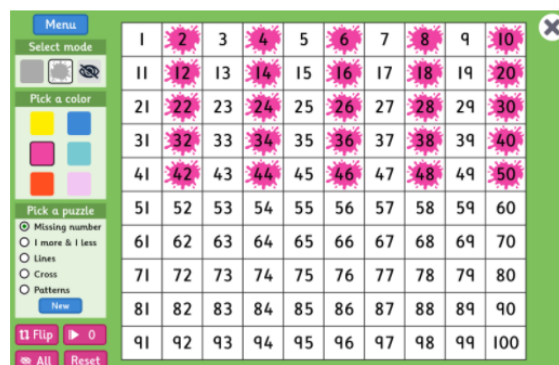
Alternatively, your child can play the chopper squad game from yesterday:

<https://www.topmarks.co.uk/learning-to-count/chopper-squad>



or they can find one more and one less by playing paint the squares:

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

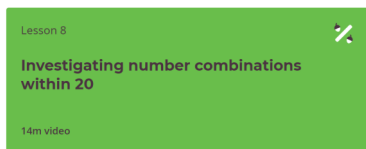


Wednesday

For this lesson you will need a number line to 20 (on website), 20 small objects (the teacher on the video uses pennies, but you can use any other small objects if you don't have pennies— I feel those cheerios coming out again!), number cards to 20 and four bowls. You will also need pencil and paper for recording your sharing.

Click the link below to watch lesson 8, exploring number combinations within 20.

<https://classroom.thenational.academy/units/numbers-within-20-edc2>



Follow on task

Continue to play the sharing game shown in the video using a different number: how many different ways can your child find of sharing, for example, 18 objects? Encourage your child to record their sharing using the whole-part model (the circles thing!) - they can use their number line to find and copy the numbers if they are still learning numeral-formation.

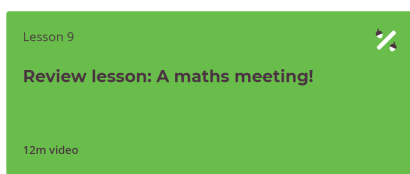
You could ramp the game up, Ted-style, by making it more fun and active—using larger objects such as duplo blocks, and putting four large bowls in different corners of the room: how quickly can your child run around to share the objects out—when they record it, have they managed to share them in a different way than before? (use your recordings to compare their results).

Thursday

For this lesson you will need Months/Days cards (there is a PDF on the website).

Click the link below to watch lesson 9, which may seem quite random, but which is revisiting months of the year, days of the week (which we do at school) and acting as a precursor to tomorrow's lesson on ordinal numbers and patterns.

<https://classroom.thenational.academy/units/numbers-within-20-edc2>



The video of the Months song that we use at school can be found by clicking on the link below:

[Months Of The Year Song - YouTube](#)

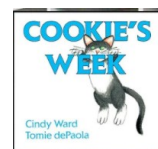
If you want to play a game together to practise ordering the months of the year, there is one here, though before you start, do remember that children will need help reading the words, so it will be a 'together' game!

[Learn the Months of the Year | Turtle Diary](#)



Practising the days of the week could involve a story-telling game, with the names of the days in front of you, taking turns to say the silliest thing you did on that day.... 'on Monday I fell in a chocolate cake, on Tuesday I rode a unicorn round a giant octopus...'. Or watch the story video of *Cookie's Week* which can be found on the link here:

[Book 18. Cookie's Week | Children's Stories | Read Aloud | Story Time - YouTube](#)

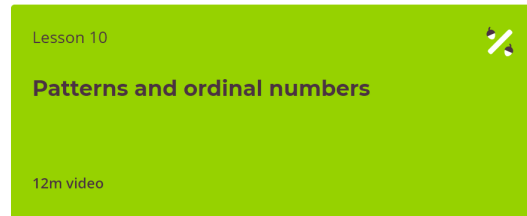


Friday

For this lesson you will be making repeating patterns so you will need 3 coloured pencils (the teacher in the video uses red, yellow and blue, so you might like to choose three different colours). You will also need paper and a pen to draw a stripy snake.

Click the link below to watch lesson 10:

<https://classroom.thenational.academy/units/numbers-within-20-edc2>

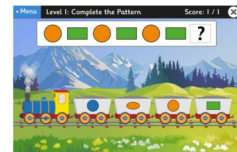


Follow-on task:

Your follow-on task is to HAVE FUN with patterns— you can start with simple patterns ABAB, go on to threes ABCABC, and work up to more complicated ABBC etc. You can use ANYTHING to make patterns— buttons, small toys, cereal—or take your learning outside and play with pine cones, leaves, acorns, sticks etc. You can even make repeating patterns with movement—hop, jump, squat repeat, or with phonics sounds—s a t s a t, or with body sounds—click, stamp, shhhh etc, or try potato printing with square, triangle, circle prints. Send your child on a pattern hunt around the house, to see if they can find patterns with colours, shapes etc.

For online Maths shape patterns games try

[Shape Patterns \(topmarks.co.uk\)](http://topmarks.co.uk)



Or [Shape Patterns Quiz | Game | Education.com](http://Education.com)

(if you press the blue repeat arrow on this game, you get different levels of new patterns).

