

Where and when:

Date: Thursday 31 March

Time: 11:00am

Duration: 30 minutes

Location: bbc.co.uk/livelessons



This programme is available to view from home or school, and no sign-up is required. Simply visit the website on the day and follow the instructions on the page to watch.

Curriculum links:

This programme has been designed in collaboration with Alphablocks Ltd, the team behind CBeebies' Numberblocks. It is aimed at children between the ages of 5 and 7 across the UK, with content drawn from:

- Key Stage 1 mathematics in the national curriculum for England
- First Level numeracy in Scotland's curriculum for excellence
- Progression Steps 1 and 2 in mathematics and numeracy in the curriculum for Wales
- Key Stage 1 mathematics and numeracy in the Northern Ireland curriculum

Learning objectives include:

- Using 2, 5 and 10 multiplication tables
- Using addition and multiplication when solving problems
- Reading and writing numbers to at least 100

Setup:

This Live Lesson will be broadcast live on the CBBC channel and simultaneously on the BBC Teach website at 11:00am.

We will be running a live commentary page on BBC Teach during the live broadcast to reflect contributions from children watching from home and school.

How much space and equipment is needed?

The lesson can be viewed in a classroom or at home with a device (computer, tablet or mobile phone) linked to a reliable broadband connection or watched on a television on the CBBC channel. We will be asking children to get involved in activities throughout the lesson and have provided [downloadable activity sheets](#) to help guide them through this.

You may wish to hand these out in advance, along with stationery such as pens and pencils. Pupils will still be able to follow the activities if they don't have printed activity sheets to hand.

Lesson content

Section 1 – Introduction

The Live Lesson will start with a quick activity. Children will be asked to count how many people are in the room with them watching the programme, before shouting out the number.

The presenters will then introduce special guest Numberblock One to the studio. Throughout the programme she will help us discover some of the different ways we can count to 100 with the help of her Numberblock friends.

Share with us what your children have been learning about in maths or send us a shout out by emailing live.lessons@bbc.co.uk or tweet us using the hashtag **#bbclivelessons**.

Section 1 – Counting in multiples of two and activity 1

The presenters will start by asking everyone to count together in ones all the way to 100. After a short while, they pause, deciding it will take too long and there must be a quicker way. Numberblock One suggests counting in multiples of two instead with the help of Numberblock Two.

We will then play an extract of a song from the Numberblocks episode 'Two Times Shoe Shop', which can be found [here on iPlayer](#). We will also look at examples of everyday items which come in twos.

The presenters point out that all numbers in the two times table are even numbers. To help explain the difference between odd and even numbers, we will play a short extract from the Numberblocks episode 'Odds and Evens', which can be found [here on iPlayer](#).

Using a number line in the studio, the presenters will point out that all numbers ending in 2, 4, 6, 8 or 0 are multiples of two.

Children will then be introduced to activity 1, filling in the missing numbers in multiples of two.

Download activity sheet 1 [here](#).

The presenters will then encourage the audience to count in twos together to try and reach 100, before stopping and deciding there must be an even quicker way. Numberblock One suggests asking Numberblock Five for help.

Section 2 – Counting in multiples of five and activity 2

In this section we will learn to count in multiples of five, starting with an extract from Numberblocks episode 'Sky High Fives.' Watch the full episode [on iPlayer here](#).

One of the presenters will then play a game in the studio seeing how many five-pointed stars she can throw onto pegs on a board. Each star that lands on a peg wins five points.

The presenters point out that all the numbers in the five times table either end with a 5 or 0.

The audience will then be invited to do activity 2, filling in the missing numbers counting in multiples of five.

Download activity sheet 2 [here](#). The presenters will then encourage the audience to count in fives to reach 100, before stopping and deciding there must be a quicker way. Numberblock One suggests asking Numberblock Ten for help.

Section 3 – Counting in multiples of 10 and activity 3

To help us learn about counting in multiples of 10, we will play a short extract of a song from the Numberblocks episode 'Heroes with Zeroes.' You can see the full episode [here on iPlayer](#).

The presenters will then introduce a short film showing children spotting the number 10 out and about in their local areas – from birthday balloons to door numbers!

The audience will be introduced to activity 3, filling in the missing numbers from the 10 times table on a set of birthday balloons.

Download activity sheet 3 [here](#).

Section 4 – reaching 100

In this section of the programme the presenters use small plastic blocks to show how the number 100 is made up of lots of smaller numbers. It can be made up of ten sets of 10 blocks, two sets of 50 blocks, five sets of 20 blocks, or one hundred blocks of 1.

The presenters then invite everyone watching to join in by counting together in 10s, to finally reach 100.

We celebrate with a final song from Numberblock One Hundred all about being big! You can watch the full episode featuring this song [here on iPlayer](#).

You can also find more Numberblocks episodes [here on iPlayer](#).

Contact us:

If your children or pupils are planning on watching the Live Lesson in school or at home, let us know. Email us before and during the programme with your school name or the names of your children to live.lessons@bbc.co.uk or get in touch using the hashtag **#bbclivelessons** and they could be featured on our live commentary page.

If you are sending in any images or videos that feature children, please ensure that you have parental or guardian permission, as they may be shown on our website. Please be aware that the BBC may ask you to demonstrate that you have received verifiable parental consent. In the email, please confirm your official relationship to the child/children featured, e.g. teacher, Brownie group leader, sports coach etc. and confirm that you have sought prior parental consent. Please also ensure the material is not sensitive or controversial. Read our terms and conditions at bbc.co.uk/usingthebbc for more information.