



Where and when:

Date: Thursday, 28th January 2021

Time: 11am

Duration: 30 minutes (approx.)

Location: bbc.co.uk/livelessons

This programme is available to view live or on catch-up from home or school, and no sign-up is required.

Simply visit the website on the day and time and follow the instructions on the page to watch.

Curriculum links - Key Stage 2/2nd Level

Science:

- Using classification keys to help group, identify and name living things
- Gathering, recording, classifying and presenting data in a bar chart

English:

- Learning about and identifying conventions of instructional texts

Mathematics:

- Interpreting and presenting data using bar charts
- Solving problems using information presented in bar charts

Setup:

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.

As we'll be asking children to get involved in activities throughout the lesson, it would be beneficial if children had the accompanying activity sheet to hand to guide them through the activities, as well as stationery such as pens and pencils.

Lesson content:

This cross-curricular programme covers learning objectives across science, English and mathematics at Key Stage 2. Answers to each activity will be provided on the programme, but answer sheets are also available to download on the Live Lesson page.

Warm-up:

At the beginning of the programme, children will be asked to do a quick warm-up activity to label parts of a bird. This will be referenced on the programme and pupils can fill this in on the activity sheet provided.

Section 1: Science - Classification keys:

In this section of the programme, children will be introduced to classification keys and how we can use this to help us identify birds.

They will be shown an example of how the classification key on their activity sheet works, and then asked to use that key to identify the remaining birds on their activity sheet.

It may be worth highlighting to the children that this is not an exhaustive key and only features four out of the many birds in the UK. As a follow-up activity, children may be encouraged to create their own dichotomous classification keys for birds that they've spotted, or different living or non-living things in their environment.

Section 2: English - 'How-to' guides:

The second section of the programme introduces children to 'how-to' guides, or instructional texts. They will learn about features and conventions of an instructional text, and will be asked to identify and check off those features on a 'how-to' guide that's provided to them on their activity sheet.

As a challenge following the Live Lesson, children can try and use what they've learnt to create a 'how-to' guide of their own choosing.

Section 3: Mathematics - Bar charts:

The final section of the programme teaches children about reading bar charts and using them to present information and data.

Children will be asked to solve problems using the bar chart provided on their activity sheet.

Following the Live Lesson, children might choose to create their own bar charts to display data they've gathered - for example, the number of birds they spotted over an hour.

You can find out more about taking part in the Big Schools Birdwatch and the Big Garden Birdwatch on the Live Lesson page.



Additional support:

Links to more information on the topics covered in the lesson can be found on the Live Lesson page.

This Live Lesson is also supported by supporting resources from **Twinkl**, available to download from the Live Lesson page closer to the day.

Contact us:

If your child or pupils are planning on watching the Live Lesson in school or at home, let us know. Email us with your school name or names of your children and they could be featured on the Live Lesson.

Send in any questions or comments before and during the Live Lesson to **live.lessons@bbc.co.uk**, or get in touch by using the hashtag **#bbclivelessons**. We'll aim to answer as many of your questions as possible.

We'd also love to see examples of children's work. If your children have created any work or carried out any activities using the resources on our website, please do send it in to **live.lessons@bbc.co.uk**, and they could be showcased on the programme or on our website.

*If you are sending in any images or videos that feature children, please ensure that you have parental permission, as they may be shown during the Live Lesson and 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.*