

# **LIVE STREAMED VIRTUAL LESSONS**

Engaging and interactive KS2 live lessons delivered via Zoom









Our virtual lessons are designed to help your students' understanding of the changes in Britain through time, a Virtual Session is the perfect way to learn about prehistoric Britain from the comfort of your classroom.

Your students will have an opportunity to learn what we know about prehistoric Britain and how we know about the changes that took place.

## **Creswell Crags Archaeological Park**

Creswell Crags, located on the Nottinghamshire-Derbyshire border, is one of the most important prehistoric sites in Britain. Caves within this gorge have sheltered people and animals for over 60,000 years, with bones, fossils, and stone tools all telling the story of those who visited during the last Ice Age.

#### Why the Creswell Crags Learning Team?

With our dedicated Learning Team, we have been delivering high quality educational activities to visiting primary school groups for many years.

Using this vast knowledge and expertise, we have created a series of unique virtual lessons for children to learn about prehistory and evolution through engaging and interactive sessions.

## Why a Virtual Lesson?

Using a professional studio and green screen technology our virtual lessons are designed to offer an immersive and interactive experience from the comfort of your classroom.

Years Ago	Time Period & Events
65,000,000	End of Cretaceous
00,000,000	Dinosaurs become extinct
7,000,000	Oldest known fossil of human ancestor
3,300,000	Lower Palaeolithic
	Earliest known stone tools
1,800,000	Last Ice Age begins
300,000	Middle Palaeolithic
	Neanderthals in Europe
40,000	Upper Palaeolithic
40,000	Humans in Europe
14,000	Art in Church Hole Cave Creswell Crags
11,700	Last Ice Age ends
11,000	Mesolithic
11,000	Star Carr
5,000	Neolithic
3,000	Stonehenge
	Arbor Low
3,500	Bronze Age
0,000	Flag Fen
2,800	Iron Age
2,600	Maiden Castle Hill Fort
1 000	Roman Occupation of Britain
1,900	

## LIVE STREAMING SESSIONS

Currently we are offering two different lessons linked to the KS2 National Curriculum; **Simply the Stone Age** is aimed at Year 3 and 4, and is based on Prehistoric Britain from the Palaeolithic to the Bronze Age. **Examining Evolution** is aimed at Year 5 and 6, and students will learn about evolution by examining fossils from the museum's collection.

**Simply the Stone Age** breathes life into the Stone Age, with a costumed, time-travelling guide leading your class on an immersive journey focussing on what we know about life in pre-history. The guide will take the students through a journey in time looking at different objects people used during the different times of the Stone Age.

**Examining Evolution** is an in-depth study of animal classification and how animals have adapted to the environment. Students will learn about the theory of evolution and apply their own knowledge by looking at fossils from the Museum's collection. Can they spot how animals have adapted to their environment? How did humans adapt to their environment 7 million years ago?

We provide activity ideas, linked to the sessions content, to support further learning and exploration of the topic. As well as after sessions worksheets curated specially for our virtual lessons.



## Simply the Stone Age

Puzzling over the Palaeolithic? Need to know about the Neolithic? This session is for you!

Our **Simply the Stone Age** session is a quick romp through the three stages of the British Stone Age. Learn about the changes in the humans, animals and environment from the earliest of our ancestors, all the way through to the settlements and stone henges of the first farmers.

Facilitated by a knowledgeable and engaging member of our Learning team, you will see splendid Stone Age artefacts close-up – some of which were found right here at Creswell Crags!

Step back in time in this immersive virtual session. Your friendly, time-travelling guide will transport your class back to everyday life in ancient Britain as you explore the different ages of the Stone Age, from the Palaeolithic to the Bronze Age.

An Immersive Experience By using green screen technology our guide will take the students through a journey back in time to the changes in prehistoric Britain. Children will be able to interact answering and asking questions live.



## Interact with Real Artefacts

Using our close-up camera, the students will be able to see some of the Stone Age objects from our museum collection, some of which were found inside our caves here at Creswell Crags!

## **Nifty Neolithic**

At the end of the session your students will get a chance to ask as many questions as they want to our Stone Age guide. Make sure you take a pen and pencil to write down questions during your lesson!



## **Available Time Slots**

10:30am-11:45am Optional technical test at 10:15am

1:30pm-2:45pm Optional technical test at 1:15pm

You will receive free teaching resources when booking your session. Curated by our Stone Age experts and linked to the National Curriculum!

## **Examining Evolution**

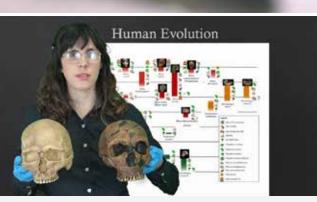
Mutation, selection, adaptation! This session explores the Theory of Evolution by Natural Selection, or how life on Earth came to be so wonderfully diverse.

We'll take you through some of the basic principles, like what mutations are, and how mechanisms like natural selection can eventually lead to huge changes through time!

Using examples from our museum collection, we'll illustrate these ideas with plants, animals and even ourselves, touching on case studies by Charles Darwin, Alfred Russel Wallace, and other important figures in the world of biology.

Please note: this session mentions the role of sexual selection (mate choice) in evolutionary theory but does not include the mechanics of reproduction itself.





Available Time Slots 10:30am-11:45am Optional technical test at 10:15am

**13:30pm-14:45pm** Optional technical test at 1:15pm

## An Immersive Experience

By using green screen technology our guide will take the students through a journey back in time to the beginning of life on earth. Children will learn about how life developed on earth through the Theory of Evolution by Natural Selection.

## Interact with Real Fossils

Using our close-up camera, students will identify animal adaptations by studying fossils and animal bones from our museum's comparative collection. An interactive hands-on experience following Charles Darwin's footsteps!

## Ask an Expert

At the end of the session, you will get 15 min Q&A with an expert. Ask any questions you have about evolution, adaptation, and animal classification. Make sure you prepare any questions you have ahead of your session!

You will receive free teaching resources when booking our session. Curated by our evolution experts and linked to the National Curriculum!



## **Software Requirements**

The software we use for our digital sessions is Zoom (http://zoom.us/). Please ensure you have Zoom correctly installed on the device you plan on using for the session well in advance. An instruction guide with our recommended Zoom settings will be sent to you upon booking. Make sure you have access to a stable network to ensure the session can transmit without interruptions. You will be offered a free test call to ensure all your equipment is compatible with our software.

## Cost

The cost for each virtual session is  $\pm 70$  per session. The maximum class size is 30 children, if you have more than one class you will need to book multiple sessions.



## **Classroom Requirements**

Schools will need access to a projector/laptop or other device which will enable us to see your classroom (optional) and you to see us. You will need speakers from which the children will be able to listen to the presenter. We also require a teacher present in the classroom at all times during the session.



## **Available Days**

Sessions will run Monday to Friday in two time slots; 10:30am and 13:30pm. Sessions last 1 hour with a 15min Q&A at the end. Please make sure to book in advance to ensure your preferred date and time.



## Safeguarding

Teachers must read and agree to abide by our Online Safeguarding Policy and Terms and Conditions before we are able to confirm your booking.



## Photography & Video

The sessions will not be recorded. If there is a desire to take pictures throughout the session, then this can only be done with the express permission of the staff member and the parent/guardian.



## Accessibility

We cannot guarantee which presenter you will have on the day, but if this information is important, for example to give information for a child with special needs who may be more comfortable knowing in advance what to expect, please let us know as early as possible after placing your booking and we will do our best to accommodate you.

We unfortunately do not have an automatic transcription service for the sessions, but some of our team may be able to provide typed captions for people with auditory processing or hearing difficulties if we are notified well in advance and can make these team members available. We are not professional transcribers, so please bear this in mind!

If you require descriptive sessions or would like the use of widgets during our sessions, please let us know as soon as possible after your booking. As well as any additional needs, we will try and accommodate your group within our possibilities.

#### Numbers

The maximum number of children per session is 30 (plus a teacher supervising the classroom). If you wish to have a session for more than 30 children, please book an additional session(s).

#### **Booking Process**

All bookings are made via our booking form, which is emailed out to schools once a provisional date is agreed with us. The form is completed by the school and returned to us via email. No booking is secure until we have acknowledged receipt of the booking form and emailed the information pack to the booked school. Schools with a secure booking will be sent an information pack, which includes Pre-session information for our Livestream Learning Sessions, our terms and conditions, online safeguarding policy and risk assessment. You will also be sent a private zoom link for your session. The link is unique for each session and each school as per our safeguarding policy.

If you need to book additional virtual sessions, you will need to fill a booking form for each session, as we will need the information of each teacher to send the correct link for each virtual session.

We also offer a booking for a free test call to ensure your equipment is compatible with our software. We recommend you book a test call to ensure no technical problems occur on the day of your session and to discuss any queries with the session presenter.

- Carefully read the information we send you, and to forward the information to all members of staff within your school who are involved with the sessions. Let us know about any additional needs for your virtual session before the day so the information can be passed on to the member of staff who will be leading the session.

PLEASE NOTE: Without written confirmation that you have read the terms and conditions and Online safeguarding policy the session will not go ahead, and booking will be cancelled. Schools who make a booking but then fail to submit confirmation of reading and a risk assessment will be charged the cancellation fee equal to the full cost of the session.

#### Payment

Each virtual session is priced at £70 per session.

We will issue an electronic invoice before your visit, to the e-mail address you have specified. Payment can be made by cheque to Creswell Heritage Trust or by BACS (details will be on the invoice). Payment is due within 30 days after your visit. For any invoicing queries, please email finance@creswell-crags.org.uk

#### Alterations

If you wish to alter your booking or make special requests for your visit, we will do what we can to assist you. Please contact digital@creswell-crags.org.uk or call us on 01909 720378 ext: 2030 to discuss your options. We cannot guarantee that we will be able to accommodate all requests or alterations, but we are happy to discuss this with you.

If there are any technical issues on the day, we will do our best to fix them, any delays this may cause will extend the duration of your session when possible. In the case of not being able to sort the problem, If the technical difficulties were due to a failure of our system, we will reschedule your session or refund you. If the technical difficulties were due to a failure of your school system, we will do our best to reschedule your session.

#### Cancellations

As our primary school sessions are very popular, we appreciate as much advance notice as possible if you need to cancel your trip. Any cancellation within 2 weeks of your visit is subject to a fee equal to the full cost of the session(s).

## Responsibility

While the staff at Creswell Crags will be leading the session, we require a class teacher present in the room for the duration of the session. The teacher must ensure students good behaviour as well as assist the presenter when asking for children participation in the sessions. If students behaviour is inappropriate, staff will end the online lesson immediately then email teachers to inform them of the reason for this.

## **Connection Information**



## Zoom

We use Zoom software to run our sessions. Please make sure you have Zoom installed in the device you wish to use before the session. We will send you private link for the meeting when you book.

On the day of your session click on your link or use the meeting number and passcode provided. The presenter will let you into the meeting. Please make sure your username is either the name of the teacher or your school, so the presenter can recognise you and let you in.

As you start your session you will see a holding screen with the words: "Stream will begin shortly...", if you can see the holding screen it means you are connected, and the image is working. If you cannot see the holding screen, tell the presenter through the chat. The chat will be on throughout the session for you to communicate any technical difficulties.

The session will start on the appointed time or when you let the presenter know your class is ready.



## **Setting Recommendations**

As individual set-ups vary, we can only give suggestions of exactly how the stream will look and sound on the day, but we aim to have the clearest possible video and audio quality possible when it is transmitted to you.



## Microphone & Sound

Once you have joined the meeting look for the microphone symbol on the Zoom menu bar. Pressing the small arrow next to it you will be able to select the microphone and speaker you would like to use for the session. We recommend using external speakers.



#### Full Screen

We recommend that you maximize Zoom by running it full screen (Alt+F or by pressing the icon).

We also recommend hiding self-view, as it can be distracting for the children if they can see themselves. Press the 3 dots on top of the window where you can see yourself to find the "Hide Myself" setting.



## How to Book

Please e-mail digital@creswell-crags.org.uk or call 01909 720378 ext: 2030 to discuss availability and potential dates for your virtual session.

Once we have identified a convenient date and time, we shall send you a booking form to complete; the submission of this form shall secure your booking, we shall then send you all the information you need for your virtual session including the Zoom meeting link.

If you have any queries, please contact our Finance and Bookings Assistance on 01909 720278 ext: 2030, or e-mail digital@creswell-crags.org.uk