

# GETTING THE MOST OUT OF BIG BANG DIGITAL



## DECIDE HOW YOU WILL STREAM YOUR SESSIONS

We have been working closely with our supporters to create inspiring and interactive sessions that can be streamed into your classroom. All content has been designed on the basis that video footage would be shown on a big screen at the front of your class or assembly hall. Some of the sessions will have 'do-along' activities so you may want to consider this when deciding seating arrangements for your students.

Do-along sessions include:

- Micro:bit
- Specsavers
- Army
- Environment Agency (all 3 videos)
- Henry Royce
- Canal and River Trust
- Highways England
- Association of Animal Biology

We will be streaming our videos via a platform called [socio.events](#), you will receive an event access link approx 1 week before the event. We recommend that you log in and explore the platform ahead of time so that you are familiar with the agenda and interactive elements.

## GET ACCESSIBLE CONTENT

At the Big Bang we like to make everything we do as accessible to young people as possible. We will be offering the following services to ensure all young people can get involved:

- All live and on-demand sessions will be subtitled.
- All live sessions will have a video option to add a British sign language interpretation to it.
- Within 6 weeks of the event, all live and on-demand sessions will be available to watch via our website with British sign language interpretation added.
- Within 6 weeks of the event, all live and on-demand sessions will be available to watch via our website with audio descriptions added.

If you think there is something extra we should be doing, [let us know](#).

## CHOOSE BETWEEN LIVE AND ON-DEMAND SESSIONS

You can view the full line-up here: [www.thebigbang.org.uk/programme](http://www.thebigbang.org.uk/programme)

All content is easily identified as live or on-demand. Live sessions will be streamed live so you may wish to have your students ready 5-10 mins beforehand, so you don't miss the start. We also have hour-long blocks of on-demand content during the day. In each hour block there will be a choice of up to 6 on-demand videos, you can choose one or more of them to share with your students at this time. Don't worry if you can't choose, all live and on-demand video content will be available on our [website](#) 2 weeks after the event.



## PLAN YOUR AGENDA

This year, the Big Bang Digital is expanding its horizons to look at how we can build a brighter and greener future using science, technology, engineering and maths (STEM) – a future that will be in the hands of the brilliant young people who are studying the subjects right now.

Each day of the programme has its own theme, covering solutions for human challenges, exploring how technology is changing the world and what we can do about climate change and the environment, no matter what you are looking for, we should have something for you. On the website you can also see how each session links to the curriculum to easily identify the most relevant sessions for your students.

Each day will contain several types of live sessions and provide opportunities to bring real scientists and engineers into your classroom and explore what they actually do! Let's explore the session types:

- **Shows** – get ready for lots of eye-opening demos and live experiments.
- **Spotlight panels** – this is your chance to hear from professionals and have your questions answered, this year's spotlight panels include:
  - **Life after covid**, what have we learnt from the pandemic and how will it help us to better face pandemics in the future.
  - **Careers in tech**, let's explore some of the amazing jobs that exist in technology and learn why a diverse workforce is needed to ensure tech works for everyone.
  - **Young climate activists**, your chance to hear from young people trying to make a difference to climate change and learn what we can all be doing to be the change.
- **Meet the Future You panels** – hear from real scientists and engineers, learn about what they do, how they got into their careers and ask your questions live! Your students can take our [Meet The Future You quiz](#) before the event to find out what careers might suit them.
- **Employer engagement sessions** - your chance to talk directly to STEM employers in smaller groups (about 10 schools at a time) and ask them your questions about careers in their organisation in an informal session. You will need to register for these in advance via the website.

You can view the full line-up here: [www.thebigbang.org.uk/programme](http://www.thebigbang.org.uk/programme)

Approx 1 week before the event, you will receive access to the event platform (socio.events) here you will be able to build your own agenda and favourite the sessions you want to join.

## HEAR FROM SCIENTISTS AND ENGINEERS

All of our live and on-demand sessions feature real-life scientists and engineers so it's a great opportunity for students to find out more about the amazing careers available and hear about some of the latest developments in science, technology, engineering and maths.

Explore our full speaker and host line-up online.



## **GET INTERACTIVE!**

**Ask questions** - within the socio.events platform you will be able to ask our speakers, panellists and hosts questions via the Q&A bar. You may want to encourage your students to think of questions in advance, and where possible, we advise that teachers and supporting adults post questions on behalf of students to reduce any safe-guarding concerns.

**Share your thoughts** - we will be asking lots of polls during the day linking to the sessions you are watching. You can get your students involved by doing a quick show-of-hands in the classroom before choosing which answer to provide, or if they have their own devices, they can respond directly. All polls will have multiple choice answers and you will not be asked to provide your name or any personal info to take part.

**Get hands-on** – some session will have do-along activities, these will be easily identified within the session information online where you will find downloadable resources. The do-along activities may require some simple equipment or print-outs for students so we suggest you take a look a couple of weeks in advance to be sure you have time to prepare.

**Take part in Big Bang Explore** – download the resource and get your students to think about STEM careers before, during and after the event as explore real-world applications of STEM.

**Take the Meet The Future You quiz** and discover the engineering careers that might suit you.

## **CARRY ON EXPLORING!**

We will need a little time to upload all of the videos to our website, but you can expect to find all session online as on-demand content within a couple of weeks of Big Bang Digital taking place. Versions including BSL and audio description will take a little longer, however, we will make sure anyone who has indicated the need for accessible versions in their registration is informed as soon as they are available.

## **TELL US WHAT YOU THINK**

We will be giving you lots of opportunity to tell us what you think about Big Bang Digital. You will receive a feedback survey after the event for yourself and your students to complete. Please do take some time to complete the survey, we listen to all your feedback and take it on-board to improve our future events.

