

# BIG BANG EXPLORE

Make the most of your time at The Big Bang Fair with Big Bang Explore!

- Do the 3 activities in any order
- Take part on your own or in a group
- Enter the daily prize draw for the chance to win £100!

Tick the box when you have completed each section - these can be done in any order



See the ways science, technology, engineering and maths (STEM) are part of our lives

Go to a stage show ☐



Ask people who work in or study STEM about what they do

Speak and hear from scientists and engineers around The Fair ☐



Do new things, use and build your skills

Have a go at different activities at stands around The Fair (including Discover your skills) ☐



Imagine how a career in STEM could be for you

Take the Meet the future you quiz ☐

## SEE AND ASK

Hear from scientists and engineers around The Fair and on the stage. Collect stickers as you meet new people in STEM. Look out for people around The Fair wearing red name labels.

### THINK OF YOUR OWN QUESTIONS, OR USE THESE:

How have you worked in a **team** to **solve a problem** at work?

Can you share your experience of improving or **adapting** something?

How do you use **creativity** to help the world around you?



## SEE AND DO

Everyone has skills that they are practising throughout their lives. As you go around The Fair, look out for examples of the skills below in action. These skills are often used in STEM jobs.

Each time you see or use the skill, write down the name of the stand, then describe or draw the activity.

SKILL	WHAT DID YOU SEE OR DO?
	<b>CREATIVITY</b>
	<b>TEAMWORK</b>
	<b>SPEAKING</b>
	<b>LISTENING</b>
	<b>PROBLEM SOLVING</b>

(Hint: Go to the Discover your skills area to help you)

# IMAGINE

STEM careers are for everyone!

Take the Meet the future you quiz and find out how your strengths and skills could connect to a type of engineering.

Collect a sticker for one of the engineering characters.

PLACE  
CHARACTER  
STICKER  
HERE

What have you seen, heard or tried out today that's made you want to find out more?

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## AFTER THE FAIR

Share what you did at The Big Bang Fair with people at home and back at school and take a look at the ideas below for more inspiration:

### THE BIG BANG CHALLENGE

Create a STEM project in easy steps

[thebigbang.org.uk/challenge](http://thebigbang.org.uk/challenge)

### MY WORLD, MY FUTURE

A guide for students of all ages with suggested activities, days out, podcasts, competitions, TV shows and lots more

[eukeducation.org.uk/my-world-my-future](http://eukeducation.org.uk/my-world-my-future)

### PARENT/CARER GUIDE TO ENGINEERING

[eukeducation.org.uk/parents](http://eukeducation.org.uk/parents)



**POST YOUR ENTRY FOR YOUR CHANCE TO WIN £100 IN OUR DAILY PRIZE DRAW!**

Enter the daily prize draw for the chance to win £100 for your team! Tear off and post your completed entry slip at one of the info desks or at the exit when you leave.

Team name: \_\_\_\_\_

Number of people in your team: \_\_\_\_\_

Year group: \_\_\_\_\_

Your initials: \_\_\_\_\_

School name: \_\_\_\_\_

Teacher name: \_\_\_\_\_

Write down the top thing that inspired you today (optional) :

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#### Terms & Conditions:

- One entry per team
- All answers to Big Bang Explore questions need to be completed
- One prize draw will take place per day at The Big Bang Fair
- Winners will be notified via their teacher after The Big Bang Fair
- View the full terms and conditions: [thebigbang.org.uk/terms-conditions-bbe](http://thebigbang.org.uk/terms-conditions-bbe)