

The Ultimate STEM Challenge

Brought to you by BP, the Science Museum and STEM Learning



Working with a STEM Ambassador

STEM Ambassadors from over 2,500 different employers volunteer their time, enthusiasm and experience to **encourage and inspire young people** to achieve more and progress further in STEM.

If you are entering the **Ultimate STEM Challenge**, STEM Ambassadors can visit your school to **enhance your students' experience** by:

- bringing real-life perspective from the world of employment
- providing information about their own career path and what it's like to work in STEM
- helping them to see STEM as 'for me'.

How STEM Ambassadors can help

STEM Ambassadors can provide support students taking part in the Ultimate STEM Challenge in three ways:

1. Help students to **plan** their work on their chosen challenge.
2. Advise them as they **carry out their experiment**, and think about **data handling** and **presenting their results**.
3. Watch them **present their work** once their project is completed, and provide feedback.

How to request a STEM Ambassador

Please use this form to give us as much information as possible to help us find the right STEM Ambassador for your school:

<https://myscience.onlinesurveys.ac.uk/bp-usc-2017>

Once you have submitted the form, a representative from STEM Learning will be in touch to discuss your requirements further.

Please note: STEM Ambassadors work on a voluntary basis and are subject to availability.

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After being matched with a STEM Ambassador

A STEM Learning hub will make an introduction between you and a STEM Ambassador. Clear communication at the very start can help make sure that your students get the most out of working with your ambassador:

- Ask your STEM Ambassador about their experience and career, so you can think about where they may be best able to support your students.
- Discuss:
 - which challenge you've chosen
 - what information about the competition and challenge the students already have
 - any work that they have done so far
 - what subject knowledge students have, e.g. because they have already covered it as part of the curriculum or in the STEM Club, and any likely gaps in knowledge.
- Talk through the following questions:
 - Will students complete the challenge in a STEM Club or in class?
 - When does the STEM Club or lesson take place?
 - Will contact be in person, by video chat, e.g. Skype or Google Hangout, or a combination of both?
 - Is the STEM Ambassador clear about how to get to the school, parking, and how to sign in at reception?
 - Do you want help getting students started, during their project, or at the end of the project?
 - Where might students most need support, e.g. data handling or communicating their work clearly and concisely.
 - Will you use any of the resources provided on www.bp.com/ultimatestemchallenge?