The Big Question Competition Overview

STEM Crew’s Remote Learning Project Competition is a national STEM competition that aims to inspire and challenge young people in secondary schools. It calls upon students to answer our Big Questions using the resources provided as well as their own research. The Big Questions cover a range of topics and are all linked to the real world around us, inspired by INEOS TEAM UK’s challenge for the America’s Cup.

There will be a winner in each category noted in this Competition Overview, who will win INEOS TEAM UK kit!

The competition could be completed in a group, or as an individual. The competition brings the story of the (British) Challenge for the America’s Cup into classrooms and homes around the UK. Prizes will be up for grabs to engage and support STEM learning in your school.

Who can enter?
• The challenge is open to UK secondary school students up to the age of 16.
• Students may enter as individuals or a team of up to four people.

The Competition
Your challenge is to answer one of the following Big Questions and share your final project with us:

1. What impact have advances in material science had on boat design?
2. What does it take to become an elite athlete?
3. How do you design a winning America’s Cup boat?
4. How can we design a product to minimise its impact on the environment?
5. How has innovation and technology impacted performance in sport?
6. What does it take to win the America’s Cup – the world’s oldest sporting trophy?

Resources
• You may wish to use the student workbook to help structure your time and plan out your Big Question project. You may not need to use all of the booklet, or you may decide not to use it at all.
• Teachers/educators/parents will need to use the Remote Learning Project resources as an aid to supporting their pupils.
• You should try to do some of your own research too if other resources (books, the internet) are available to you to support your presentation.
• You may find some other useful information on the STEM Crew resources pages.
• The student workbook might help you to structure your final presentation, or you can hand the workbook in as the finished product!
How to Enter

• Once you’ve completed your project research, you will be required to submit your answer as a presentation in whichever format you like. This could be the pages from your Student Workbook, a PowerPoint presentation, Prezi or a video or animation – be creative!
• You can answer more than one Big Question, and you can submit these all together, or as separate presentations as and when you complete each project.
• You may want to consider taking photographs and adding them into your presentation to show any of your research and workings.
• You will need to submit all presentations by email to: education@1851trust.org.uk with the Entry Form provided detailing the name(s) and age(s) of team members and the name of the school by 6th July 2020 at 17:00 BST.

Judging & Categories

• Entries will be judged by a panel from The 1851 Trust Education team, as well as members of INEOS TEAM UK.
• A winner will be chosen for each of the following categories:
  o Most Creative presentation
  o Best Technical Knowledge
  o Best use of INEOS TEAM UK examples
  o Best in Year Group

• Judges will be looking at your methodology and how you have come to your answer for the Big Question, including any additional areas of research you have explored. They will also look at how well you have been able to link your answer to the America’s Cup and INEOS TEAM UK and the creativity demonstrated in your presentation.

The prize!

• The winning entrants will receive INEOS TEAM UK kit.

Key dates:

• The competition will be open for entries from 20th April 2020 to 6th July 2020 at 17:00 BST. The 1851 Trust will not accept any entries after this time.
• Judging will take place between 6th July and 13th July.
• Winners will be announced during the week commencing 13th July.
Terms and Conditions

1.1 This competition is organised and administered by The 1851 Marine Trust, registered charity No. 1158670.

1.2 The competition will be open for entries from 20th April 2020 to 6th July 2020 at 17:00 BST. The 1851 Trust will not accept any entry after this time.

1.3 The competition is open for UK secondary school students up to the age of 16.

1.4 An individual or team may submit a maximum of two entries only. Schools may submit multiple entries from different individuals or teams.

1.5 Competition entries may only be made through the submission methods as indicated in the competition overview.

1.6 We reserve the right to share the winning presentations on social media and our website.

1.7 The prize is as specified in the competition information.