

The Big Bang UK Young Scientists and Engineers Competition Judging Criteria 2017-18

The Big Bang Competition is split into two streams:

Science	Engineering
Projects focussed on investigation, discovery and the scientific method	Projects focussed on invention, design and manufacture
Core project subjects: Biology, Chemistry, Physics or Maths	Core project subjects: Physics, Maths, D&T and Computing
Judging focus: processes used in the project	Judging focus: outcomes of the project

Judging Criteria

Across all judging (Near Me Fairs, online entry and Competition Finals) the judges will be looking for projects that score highly against the following main criteria

- 1. Project concept** - what was the motivation behind your project and what were your aims?
- 2. Project process** - how well did you plan and organise your work? What sort of experiments and research did you do? Were you innovative or creative in your approach?
- 3. Project outcome** - how well did your project achieve its aims? Is your final product or report of a high quality? Does your project have a 'real-world' application?
- 4. Personal skills** - how well did you deal with any problems or challenges? How well do you communicate your project? Does your enthusiasm shine through?

There are two entry routes into the competition, projects are judged at each entry point and finalists are selected to showcase at The Big Bang UK Fair on 14 & 15 March 2018.

Entry Route 1 - Regional Heats

The Big Bang Near Me Fairs host regional competition heats where projects display their work to compete for places in the finals. All projects that attend the regional heats and which meet the eligibility criteria for the Competition will be judged. A project judged at a Near Me Fair in 2017 that secures a place in the finals will be invited to the UK Fair in March 2018.

Entry Route 2 – Online Application

Projects can apply via an online application form from 24 April – 30 October 2017. Students will be asked to provide a project summary, written responses to a series of questions and can also upload a 2 minute video about their project. Judging for the online applications will take place in November and the winners of the online heats will be invited to attend the Finals.

The Big Bang UK Young Scientists and Engineers Competition Finals

All finalists will be invited to display their projects at The Big Bang UK Fair, NEC Birmingham.

The core judging at the Competition Finals will take place on Wednesday 14 March 2018 only and be more in-depth but still using the same main criteria.

If you are interested in judging online projects or judging at the finals in March 2018 please contact volunteers@thebigbangfair.co.uk