



Engenuity Skills Awards Competition Brief

in partnership with

**DESIGN &
TECHNOLOGY
ASSOCIATION**

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<https://skillsawards.engenuity.org>

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COMPETITION OVERVIEW

Purpose

The Enginuity Skills Awards celebrate the talented individuals and companies whose commitment to skills is shaping the future of UK manufacturing and engineering. Categories celebrate apprentices, skills champions and innovators within engineering and manufacturing.

We want to extend this celebration of skills, knowledge, and talent within our industry to a new initiative for the Skills Awards. A competition for aspiring engineering and manufacturing talent, giving school student an opportunity to design the centrepieces that will be on 35 tables at the Skills Awards ceremony on 29th June 2023.

There will be one overall competition winner selected by a panel of judges. The winning prototype submission will be produced in a batch of 35 centrepieces by a manufacturer identified by Enginuity Group.

Eligibility

Entries will be accepted from any 11–18 year old in the UK.

Entries can be submitted as an individual or as a team up to a maximum 3 people.

Prize

Certificate(s) for the winning individual or team.

A Trophy made for the winning school – *a replica of the Trophy given out at the 2023 Enginuity Skills Awards ceremony.*

One centrepiece made for the winning school.

Timeline

The competition will run from 28th November 2022 to 24th February 2023.

Judging will take place in March 2023 and the winners will be notified by 31st March 2023.

The centrepieces will be manufactured by Enginuity's chosen manufacturer during April and May 2023.



Entry details

To enter the competition, a teacher must register their own details on the Enginuity Skills Awards nominations system, using [this link](#) and submit the nominations of their student/s within the Centrepiece Competition category.

Deadline for submitting designs is 24th February 2023.

Link to the Enginuity Skills Awards website <https://skillsawards.enginuity.org>

What to include in your entry

Whether entering as an individual or a team, each student must also share a short description about:

- ➔ What inspired your competition design (*max number of words 400*)
- ➔ What do you enjoy most about Design and Technology (*max number of words 400*)

Entry formats we accept

To help our awards be even more accessible, we are pleased to be giving you the option to submit your design using either a written response or a video submission.

Written entry

- ➔ A 5-page Word doc/PDF/Powerpoint with prototype photos or CAD render attached – no larger than 10MB
 - don't feel obliged to write to the word limit. If it helps, bring out key points in bullet point form and consider having your response reviewed by your teacher. This will help to ensure everything is captured in an impactful way.

Video submission

- ➔ A video presentation, including footage of your prototype, should be max 4mins duration / 500MB
 - consider writing a script which you can have reviewed by your teacher, this will help to ensure your video captures your answers in an impactful way.



DESIGN BRIEF

The centrepiece design should represent /demonstrate the theme of engineering and manufacturing and showcase their own skills and understanding of design and manufacture from their Design and Technology lessons.

The centrepieces will be manufactured by an external party chosen by Enginuity.

Design detail

The below must be considered and highlighted during the design and submission:

- Consider sustainability when designing the centrepiece and selecting the materials and processes to use.
- A maximum of 2 main materials should be used within the design.
- Suitable batch manufacturing process must be considered in the design.
- The centrepiece must be freestanding, i.e. stand up on a table unassisted and not mark or damage the table in any way.
- Considering this will be in the centre of the table, guest need to still be able to see one another across the table.
- Dimensions of the size of centrepiece
 - Height 300mm maximum
 - Breadth 200mm maximum
 - Depth 200mm maximum
 - Weight 2.5kg maximum
- The design must contain Enginuity's name (9 characters)².
- You should have a final design either in the form of a 3D prototype model and/or quality CAD model, photo or video footage should be included in your submission.
- Information regarding manufacture shared, possibly through a relevant engineering drawing and/or written document.

Please note that the final centrepieces may alter slightly in materials and manufacturing methods due to manufacturing, time and cost constraints.

² Enginuity logo



CONTACT US

For any assistance with this design brief please contact info@data.org.uk

For any technical questions relating to the skills awards website or whilst uploading entries please contact skillsawards@enginuity.org

