



STEPS

Engineers Week
2 - 8 March 2019

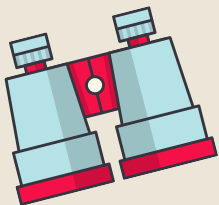
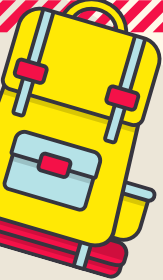
IRELAND'S TOP GUIDE ENGINEER

COMPETITION

ENGINEERS WEEK

MARCH 2-8, 2019





COMPETITION

The Brownies and the Girl Guides know that they are great engineers and are very innovative. Now they have to show the world by convincing the Top Engineering Dragons that their engineering innovation is worth producing commercially. (In partnership with Guiding and Brownie Engineering Badge)

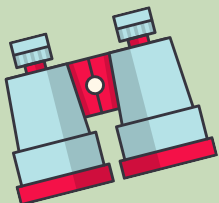
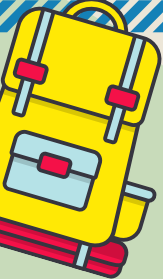


DEADLINE FOR ENTRY: 15th March 2019

Prizes:

- Bricks for Kids STEM Voucher - Workshop for 30 children
- Coveted Title of 'Ireland's Top Guide/Brownie Engineer' and Certificate for winning branch

Categories: Brownie and Guide



WHAT TO DO

- Do the Guide Engineering Badge or Brownie Engineering Badge with your unit during (or before) **Engineers Week 2019 (2-8 March)**.
- Register (event) on engineersweek.ie
- The competition relates only to the Main Project (Part 3 Brownies and Part 4 Guides).
- Put your thinking caps on - and devise a project that is so innovative and exciting that you think it should be produced commercially.
- **Submit your entry by Friday 15th March** to the STEPS Dragons to be judged against the Brownies and Guides around the country.
- The Winners will be crowned 'Ireland's Top Guide Engineers' or 'Ireland's Top Brownie Engineers'.

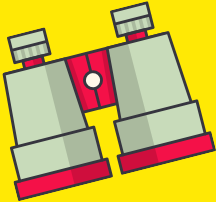
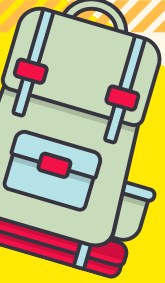
WHAT TO SUBMIT

- **The Design Template** (your design drawing). Clearly labelled and materials listed.
- **Photographs** of your Engineering Team in action and the prototype.
- **Description of the prototype** and the engineering design behind it.
- **Elevator Pitch** - 200 word MAX explaining why your innovation is the next best thing.
- **Investment** amount required.

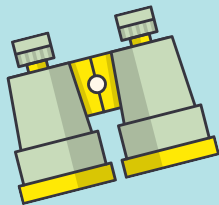
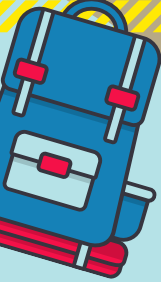


**Submit your entries by Friday 15th March
by post or email**

Post - STEPS Engineers Ireland, 22 Clyde
Road, Ballsbridge, D4
Email - steps@engineersireland.ie



MARKING CRITERIA



- **The Design Template** Marks for clear labels, building instructions, materials list, presentation. Judge must understand drawing.
- **Photographs** Clear photograph/s of prototype and team at work.
- **Description of the prototype** (200-400 words) Make sure the judges understand your design. Include engineering details here, how it was built, design features, testing etc.
- **Elevator Pitch** - 200 word MAX. This is your chance to sell your product - this must be convincing!
- **Investment** amount - find the right amount so that you don't overestimate your design or undersell yourself!
- **Bonus** - Did you use maths or science? Tell us how.