

# THINK LIKE AN ENGINEER



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# Transport Infrastructure Ireland National Roads Conference Sept 2019

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# What is the Engineers Ireland STEPS programme?

The Engineers Ireland STEPS Programme is a non-profit outreach programme that promotes interest and awareness in engineering as a future career to school students through a portfolio of projects.

Mission: To encourage and educate the engineers of the future.

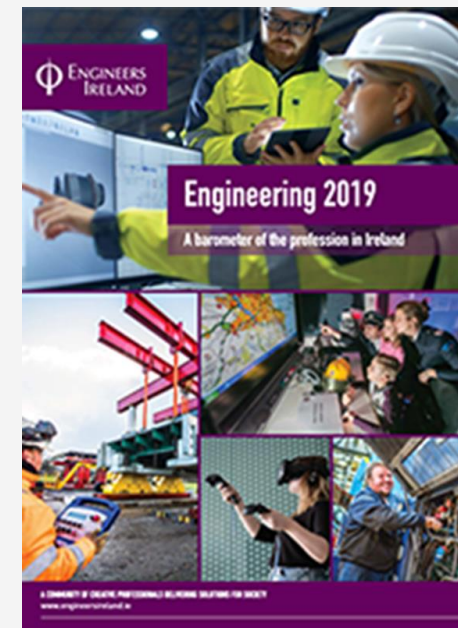


## What are our objectives?

1. **Introduce** engineering to primary students.
  2. **Inspire** Transition Year students to study engineering.
  3. Support community leaders and influencers to communicate diverse opportunities in engineering.
  4. Motivate engineers and industry to engage with school students.
  5. Coordinate and promote annual Engineers Week events across Ireland.
  6. Retain funding for long-term sustainability of the STEPS programme.
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## Why is STEPS important?

- 94% of engineering employers are reporting skills shortages.
- The delivery of Project Ireland 2040 is crucial to the economy.
- There's a lack of diversity in engineering.
- Children are at the heart of our programme.
- STEPS directly impacts career choices.



## What we do?



**STEPS**

**Engineers Week**

**Engineering  
Your Future**

**Young Engineers  
Award**

**Irish Girl Guides  
Engineering Badge**



## Who we want to reach?

- Primary school children – 8 to 12
- Secondary school children - TY students
- Their teachers
- Their parents





# YOUNG ENGINEERS AWARD



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## How can you get involved?

Young Engineers Award – Your local primary school needs you now!

- Become a STEPS volunteer engineer.
- Attend a 2-hour training session.
- Visit a school of your choice.
- Accredited Investing in Volunteers.
- Improve communication and presentation skills.



 **STEPS**  
Engineers Week  
29-6 March 2020

 **ENGINEERS  
IRELAND**  
STEPS

# ENGINEERS WEEK



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## How can you get involved? (Sat 29 Feb-Fri 6 March)

### Engineers Week – Organise an activity which showcases engineering

- Get involved as an Engineers Week organiser.
- Organise an activity.
- Register your activity.
- Promote your activity.



- 99,693 participants took part in events during Engineers Week 2019.
  - 90% of Engineering Your Future students said the programme influenced their CAO choices.
  - 250 Young Engineers Award entries were received in 2018.
  - Over 2,500 Girl Guides have earned the engineering badge since 2018.
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Visit [www.steps.ie](http://www.steps.ie) to find out  
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# THANK YOU

