

EMPOWER3D

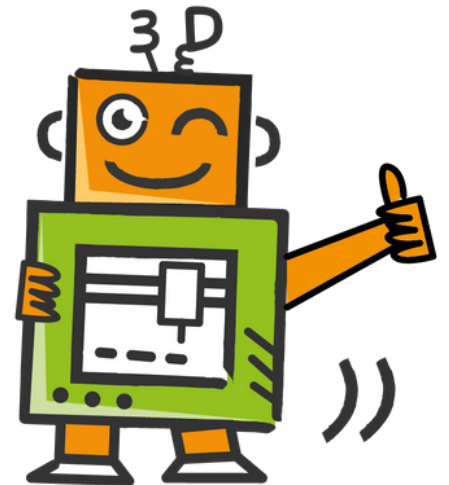


3D Printing Challenge 2025/26

“Design and print an object that contributes to making your city, community or school more sustainable”

Key Guidelines:

- The final printed object must be your own original design
- Working in teams is encouraged
- A maximum of five entries per class is recommended
- Open to all class levels from First Class through to Sixth Class
- Think outside the box, get creative and most importantly have fun!



How to Enter:

- 1) Scan this QR Code and fill out the online form to register your interest:
- 2) Design and 3D print your proposed solution
- 3) Make a short (2-4min) video telling your story



Deadline for entries: Tuesday 5th May 2026

Take part in this unique European competition, along with fellow primary schools from across Ireland, France and the Czech Republic!

Award Categories



There will be lots of great prizes to be won! Project teams will be in with a chance to win awards in the following categories:

Best Sustainable Design

Creativity: is the work original, imaginative and interesting?

Technology: does it take advantage of 3D design and print strengths?

Functionality: does it fulfil its intended purpose and function well?

Sustainability: how well does the project embody sustainability principles? (e.g. reduce/reuse/recycle, saving water/energy/material, reduce waste etc)

Vision/Impact: does it inspire others or open new possibilities in learning?

Best Learning Journey

Communication: the video tells the story in a fun and dynamic way

Resilience: what obstacles were encountered and how were they overcome?

Engagement: how was it researched? Is there engagement with end users?

Teamwork: is there evidence that the team worked well together?

Enthusiasm: is there enthusiasm for the project overall?

To encourage creativity and risk-taking, bonus award categories may also be added at the judges' discretion (e.g. most interesting failed print, most ambitious project etc.), so dare to dream and have fun with it!

An online Showcase Event will be held in late May 2026, to announce the award winners and to celebrate everyone's achievements

Empowering the engineers of tomorrow through 3D printing