

Juniors Challenge

Theme: Storing the Future – Energy for a Changing World

Background

Batteries help power our phones, cars, and even whole cities. But there are problems: many batteries are made with rare materials, they can be unsafe, and they create waste when thrown away. As we use more renewable energy like solar and wind, we face a big challenge: **how do we store energy safely and fairly so that people can use it whenever they need it?**

Your Challenge

Design a creative solution that helps communities, families, or schools **store renewable energy better**.

What You Could Explore

- New ideas for safe and simple ways to store energy.
- Using everyday or recycled materials to make storage more sustainable.
- Devices or systems that help schools, homes, or neighbourhoods share stored power.
- Ideas for reusing or recycling batteries.

What We're Looking For

- Identify a clear problem with energy storage.
- Propose an innovative idea to solve it.
- Show your thinking with sketches, models, or simple prototypes.
- Think about who benefits and how your idea makes life better.