



STOBIE POLE ART CHALLENGE

Prepare your students for the Science Alive! STEM DAY OUT: Stobie Pole Art Challenge

At school activity

Each team or student must design an artwork to attach to a Stobie pole that tells a story or shares a message about renewable energy. The aim is to increase awareness about sustainability and/or renewable energy in a positive way. The artwork must be colourful, fun and suitable for a public street.

Students should work collaboratively in groups to research renewable energy and why it is important. The students then demonstrate their learnings using images, shapes etc on the artwork to promote community awareness of the importance of renewable energy for the future of our planet.

Objectives:

- Utilise design and engineering process
- Encourage creativity and critical thinking
- Learn about renewable energy and sustainability
- Apply science inquiry skills

What you will need:

- Template
- Art supplies
- Questions for discussion:
 - What do you understand about renewable energy?
 - Why should we look after our planet?
 - Where do you see renewable energy every day?
 - How can you move away from fossil fuels to green electricity?

Curriculum Links:

Science

[Science Understanding - Year 7 Earth and Space sciences](#)

Some of Earth's resources are renewable, including water that cycles through the environment, but others are non-renewable (ACSSU116).

Design and Technologies

[Knowledge and Understanding - Year 9 and 10](#)

Critically analyse factors, including social, ethical and sustainability considerations, that impact on designed solutions for global preferred futures and the complex design and production processes involved (ACTDEK040)

HASS

[Knowledge and Understanding - Year 4 HASS](#)

The use and management of natural resources and waste, and the different views on how to do this sustainably (ACHASSK090)