



030 – Science Fair

Overview	
Intervention Type:	Educational
Target:	Organisation/ individual
Intervention Frequency:	Annual
Intervention Duration:	Day

Cost	Effort	Reward
Low	Medium	Medium
ENERGE Rating		School Rating (School to complete)
★ ★ ★ ☆ ☆		☆ ☆ ☆ ☆ ☆

Description of Intervention
<p>A science fair is way of involving the whole community in energy efficiency. Students will be given free rein to come up with a project which utilises the scientific method to test a hypothesis. Students could be challenged to come up with a project which focuses on energy efficiency.</p> <p>Judges will be nominated and chosen appropriately. A prize will be awarded to the most innovative and creative project.</p>

Commented [ED1]: Provide a

Impact Measurement
<p>The projects submitted by students will be a clear indicator of the impact this intervention has had on their awareness and understanding of scientific concepts.</p> <p>The judges will be asked to question the participants understanding and knowledge that they gained from taking on their project. This feedback will allow the judges to gauge whether students have a clearer understanding of the intervention and its impacts.</p>

Facilitators	Barriers
<p>The school committee alongside the ENERGE committee will promote an advertise the fair within the school community. They will also be involved in nominating judges for the competition.</p> <p>If any participants have queries about the challenge or require help, they will be assisted by both committees.</p>	<p>Self-efficacy issues and apathy</p>



Any teachers in the science department who can assist will be requested to help students with their projects.

Intervention Process

1. Students interested will apply to the science fair.
2. They will submit a scientific project to the school and ENERGE committee's detailing what they are going to make. They must include the methodology they will use to conduct their study.
3. A day will be designated for the science fair which will give students 2 months to prepare their project for the science fair. The fair should be held on science week.
4. The most appropriate judges will be nominated for the competition within the school community.
5. The participants must present their project and explain how they conducted the study, and whether their hypothesis was proven.
6. Judges will take the feedback from each participant and choose a winner.
7. A prize will be presented to the student with the best project.

School Comments/Notes