



GREEN GENERATION

Number of Participants
Maximum 30 Learners

Duration
10am-2pm
*including a 1 hour
lunch break*

Price
£7.00
per learner

OVERVIEW

Today the Earth is faced with a number of issues which are in danger of spiralling out of control and leaving us with a planet which is uninhabitable for future generations. Pollution, overpopulation and a water and energy crisis are just some of the factors which plague our planet today. This activity will provide learners with key knowledge and insight into some of the problems we face, but more importantly, what they can do to provide solutions to solve these problems to create a brighter, cleaner and healthier future for us all.

ACTIVITIES

Eco-Brain - Investigate the various energy sources which we use on the planet today in this fun challenge. Which forms of energy are good for the environment? Which energy sources continually produce a negative effect and pollute the ecosystem? What are the benefits of using sustainable energy sources? Can your intelligence and critical thinking leave you on top as the Eco-Brain champion?

Windy Design - Place yourself in the role of an engineer, specialising in producing a clean, renewable and sustainable source of energy by constructing your own wind turbine. Research into the specialist design of wind turbine blades and then use your creativity to produce the most effective blade design. Test your wind turbine against the designs of your peers in this engaging and competitive activity.

Create a Nation - What would you do to help the planet if you were the leader of one of the world's most powerful nations? Work in teams in this fun and powerful activity to offer your solutions to some of our planet's major challenges. You will create a name for your very own nation, a flag to represent your nation, a nation anthem, as well as your team's very own manifesto; a presentation of your ideas to help save our planet. Only one Nation can win ... will it be yours?

KEY EMPLOYABILITY SKILLS

- Problem Solving
- Teamwork
- Communication
- Decision-Making
- Critical-Thinking

KEY STEM SKILLS

- Developing & Testing a Design
- Solution Focused Mindset
- Understanding Different Energy Sources