

Carbon

Sustainability Strategy Ideas

- Create a rewards system for active travel.
- Audit local transport links and, if required, campaign to local government to have active travel routes to be made safer.
- Task a team of Sustainability Champions with ensuring lights, computer screens, projectors etc. are turned off when not in use.
- Look into green energy creation within the building. For example, could you install solar panels, a small wind turbine or other measures, to help offset carbon consumption.
- Explore building improvements that could be made to improve efficiency. Could insulation be improved or drafts removed to reduce heating costs?
- Look into options for an electric car charging point to be installed in the car park.
- Lead a discussion to assess where electricity might be being wasted and remind your peers to turn off and unplug devices when they are not being used.
- Contact your STEAM Mentor to discuss additional carbon reduction strategies.



Introduction Activity

We recommend consulting the Carbon resources from the [Butterfly Effect](#) primary program for ideas on how to explore this topic.

Additionally, you could introduce the theme using this short activity:

Activity	Spin a globe and see where your finger lands. Use search engines to research the changing temperature in that location over time.
Resources	Globe, devices with internet access.
Discussion Points	What does this tell us about the changing climate across the globe? What impact do our actions have on this? What measures can we take to reduce this impact?

Careers Information

Below is a list of job roles associated with Carbon. Use internet search results, and [Jacobs.com](#), to research each job title and find out what they do!

Additionally, here are pre-recorded videos from professionals at Jacobs that can provide more insight into some carbon-related jobs:

- [Scientist](#)
- [Environmental Practitioner Apprentice](#)

Job Titles

- Carbon Consultant/Analyst
- Environmental Management and Permitting/Impact Assessment Consultant
- Nuclear Engineer
- Natural Capital Management
- Electrical Team Manager/Engineer
- Sustainability Consultant
- Waste and Materials Manager
- Bioresources Consultant
- Energy Specialist
- Commissioning Specialist
- Power Strategic Adviser