

Culloden Primary School Summary

02.02.26 Great British Solar Energy Partnership

Start

Architectural Drawing



1

Building detectives

1. We coloured and labelled a sketch up drawing of our school, marking the entrance, classrooms, hall and kitchen.
2. We explored our building using a 3D Matterport scan: we, virtually, zoomed around the corridors and peeped into our classrooms.
3. We learned about thermal insulation inside cavity walls and used a thermal camera to see the heat escaping from our lovely round windows.
4. We discussed fossil fuels, clean energy and how our solar panels will help us save money and carbon emissions.

Learning Objective

- To learn more about energy consumption in your school building.
- **Success Criteria**
- Find out where the energy to power our school comes from.
- Consider what changes we could make in our school and at home.
- Make a climate pledge for the future.

School Council:
16 students
from years 1-6

2



Getting Creative

The Secret Language of Bricks



3

After lunch we...

1. Looked at different ways we could help save energy, at home, in school, in the community and outside spaces.
2. Made pledges and recorded them onto recycled material, then used foraged sticks and wool to hang them up.

Whole school assembly

We introduced the GBESP programme to the whole school. There were so many children but everyone listened beautifully.

Click [here](#) for a link to the DfE Climate Ambassadors programme

5 Key Things We Learnt About Energy

- 1 The energy that heats our school and powers our electrical devices, comes from fossil fuels.
- 2 Fossil fuels are non-renewable and they are causing harm to our planet.
- 3 The DfE are going to help our schools cut carbon by funding solar panels for our roof.
- 4 We can help our school and our planet by thinking about the choices we make.
- 5 We can teach everyone in our community what we learned and help spread the word.

4



Climate Action Pledges

RAFT and Culloden Primary School will continue to work together on the school's journey towards carbon zero.

Click [here](#) for the Padlet

"I really enjoyed your visit to the school and I learnt how important global warming is.
I pledge to do everything I can to contribute to the decrease of global warming."
Student in year 5