

Year 6 – Topic 3

Are we damaging our world?

Learning Planner



Welcome to our third topic of the year, where we turn our eyes to the future of our planet, starting right here on our doorstep in Meir, Stoke-on-Trent. This topic is all about agency and impact: from investigating local transport and sustainability in our community to exploring the global implications of fossil fuels and climate change in Geography.

As we navigate these big questions, we will draw inspiration from the sky-high adventures of Sophie in Katherine Rundell's *Rooftoppers*, exploring themes of hope and resilience that mirror our own journey toward greater independence in PSHE. All this learning culminates in a powerful mission: designing and pitching a Sustainability Plan, using our expertise in renewable energy to lead real change within our school. It is going to be a term of deep thinking, creative expression, and powerful action—we can't wait to see what you discover!

Connect & Wonder

- What better place to start than right here in our hometown of Meir, Stoke-on-Trent, to explore the impact we are having on our local environment? In our first lesson, we will head out into the local area to carry out fieldwork. We will look at the types of vehicles people use, explore alternatives to travelling by car, and investigate the public transport available in our community.
- We will work together to create some key questions for a Microsoft Form, which local residents can complete to help give us an even better understanding of our area.

Love of Reading

Rooftoppers
By Katherine Rundell

Rooftoppers is an exciting adventure about a brave girl named Sophie who was found as a baby floating in a cello case after a shipwreck. Even though everyone thinks her mother must have died, Sophie believes her mother could still be alive. When people try to send her to an orphanage, she and her guardian, Charles, run away to Paris to try to find her. In Paris, Sophie meets Matteo and a group of children called rooftoppers who live and climb across the rooftops. Together they explore the city and search for Sophie's mother, learning about hope, friendship and never giving up on what might be possible.

Investigate & Construct

Geography: Throughout this unit, we will investigate the impact of human activity on the Earth's climate. We will learn about the use of fossil fuels and examine renewable energy sources as alternatives. By exploring these topics, we will develop our understanding of climate change and consider actions that can be taken to reduce its effects.

Art: Our Component Question: 'How can I create an abstract portrait?' This term, we are moving beyond realism to explore the revolutionary world of Cubism. By studying Pablo Picasso, students will learn how to deconstruct the human face into geometric shapes and multiple viewpoints.

Computing: Creating Media – Radio Station
Becoming Broadcasters: This hands-on unit turns our classroom into a production studio. Students will transition from being listeners to creators, developing their own radio broadcasts. They will explore "sound layering," digital editing, and how to use audio to engage an audience.

PSHE: Preparing for Transition: As Year 6 prepares for the jump to secondary school, we are focusing on personal growth. We will discuss the increasing responsibilities of being independent and explore how social circles may evolve, helping students build resilience and emotional intelligence.

RE: Christianity Focus: We are exploring the "big story" of the Bible, specifically what Christians believe Jesus did to 'save' people. We will look at the concepts of sacrifice, atonement, and the Resurrection to understand why Easter is the most significant event in the Christian calendar.

Express & Reflect

Mr Clewes wants to make some important changes around our school to help look after our planet and save money. We will do this by creating a sustainability plan that shows how these changes could work.

This project will help us share what we have learned during our topic about how we can reduce climate change, especially by using renewable energy. We will present our sustainability plan to the site manager, Mr Jones, to encourage him to make these helpful changes.

Key Vocabulary

energy	hydroelectric
natural resource	power
renewable energy	gas
non-renewable energy	coal
carbon footprint	oil
minerals and ore extraction	natural resource
fossil fuel	environmental impact
deforestation	geothermal
	solar

