

Key Stage 1

Curriculum Fit



Climate Action Heroes: It's your world!

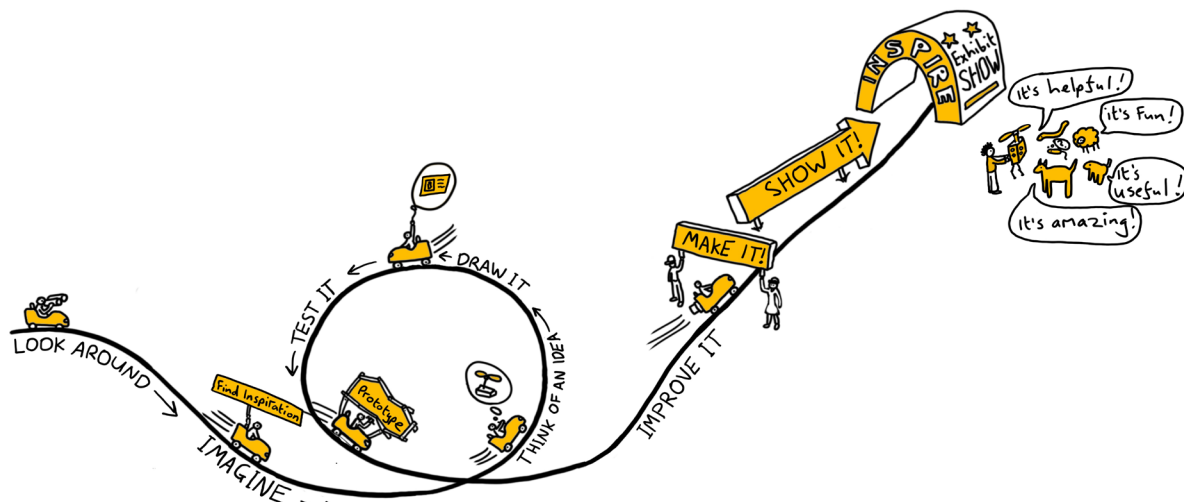
Learning Opportunities and Objectives

Little Inventors provides great opportunities for students to develop their creative and problem solving skills. Additionally:

- To understand that inventions are all around us, that invention is a way to create solutions to problems or challenges
- Students will be introduced to climate change and learn all about the natural world
- They will be introduced to different habitats and learn about biodiversity
- Learn about the threats to wildlife and their habitats
- Investigate how they can create inventions inspired by animals and plants
- To articulate and communicate their ideas in drawing, writing and speech for an audience, as well as to plan and evaluate their writing
- Expand skills in STEM learning
- Become innovative designers through use of a deliberate design process for generating ideas

By promoting creative thinking and problem-solving skills, Little Inventors offers many opportunities to link to several curriculum areas with an integrated approach.

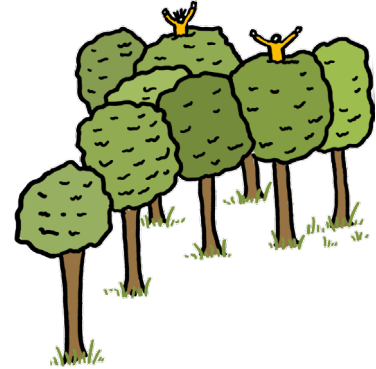
This holistic project can be integrated into your school's Climate Action Plan.



Curriculum links

This project can be used to support curriculum knowledge and skill development in English, science, art and geography, alongside enhancing nature education, with age appropriate adaptations.

Some curriculum links include:



Science

Living things and their habitats:

- Identify that most living things live in habitats to which they are suited and describe how different habitats provide the basic needs of different kinds of animals and plants, and how they depend on each other
- Identify and name a variety of plants and animals in their habitats, including microhabitats
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food
- Ask relevant questions and using different types of scientific enquiries to answer them
- Record findings using simple scientific language, drawings and labelled diagrams

Citizenship

Students can learn to take some responsibility for themselves and their environment
They can:

- Understanding simple environmental issues
- To realise that people and other living things have needs, and that they have responsibilities to meet them
- What improves and harms their local, natural and built environments and about some of the ways people look after them

English and Literacy

Students can write both descriptively and persuasively. They can plan and evaluate their writing and communicate their ideas in speech. They can:

- Use language to represent their idea
- Write clearly, accurately and coherently, adapting their language and style in and for a range of contexts, purposes and audiences
- Use discussion in order to learn
- Elaborate and explain clearly their understanding and ideas

Art and design

Students can produce creative work and explore their ideas using drawing, design and optionally craft. They can:

- Use drawing to develop and share their ideas, experiences and imagination
- Optionally, use a range of materials creatively to design and make products
- Be exposed to the work of craft makers and designers

