

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

## Learning objectives

- To understand that inventions are all around us, that invention is a way to create solutions to problems or challenges.
- To identify potential problems/areas where an invention could be useful.
- To make hypotheses and evaluate their invention ideas.
- To familiarise themselves with inventions from a different era such as the Victorian era and how they relate to the present.

## Learning outcomes

- To generate ideas for inventions and develop a creative approach to problem-solving.
- To explore and understand the everyday life of Victorians.
- To articulate and communicate their ideas in drawing, writing and speech for an audience, as well as plan and evaluate their writing.

## Curriculum fit

By promoting creative thinking and problem-solving skills, Little inventors offers many opportunities to link to several curriculum areas in primary schools, in particular:

### History

Victorian Little Inventors encourages exploring the Victorian era through the medium of inventions in daily life.

The resource offers students opportunities to:

- Understand the rapid pace of invention following the Industrial Revolution, many still in use today.
- Consider how different life was in Victorian times and compare it to the present.

## **Literacy**

Little Inventors offers opportunities to support composition and creative writing, and specifically for students to articulate and communicate their ideas in speech and writing for an audience as well as plan and evaluate their writing.

It offers the following opportunities:

- 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; they should be able to elaborate and explain clearly their understanding and ideas.

## **Art and design**

Little Inventors fully supports the art and design curriculum by encouraging students to produce creative work and explore their ideas using drawing, design and crafts, while learning about artists, craft makers and designers.

The resources offer students opportunities to:

- Use a range of materials creatively to design and make products.
- Use drawing to develop and share their ideas, experiences and imagination.
- Learn about the work of craft makers and designers and making links to their own work.

## **Design and technology**

Using creativity and imagination, Little Inventors allows students to design products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Students learn how to become resourceful and innovative.