

Blue Jays Class Newsletter Module 4



Leigh Academy
Oaks

Central Idea	Scientific innovation can impact the world around us.
Lines of Inquiry <i>An inquiry into:</i>	<ul style="list-style-type: none">- Function: An inquiry into how the scientific process leads to innovation.- Change: An inquiry into the impact of scientific innovations on society.- Responsibility: An inquiry into how human needs influence scientific innovation.
Approaches to Learning	Research Skills Thinking Skills
Learner Profile Attributes	Knowledgeable Risk Taker
Core Texts	Leonora Bolt: Secret Inventor by Lucy Brandt

This term, our inquiry will focus on how innovation shapes the world. Children will explore how the scientific process leads to new inventions, why innovation happens, and how developments can bring both positive change and new challenges. Throughout the unit, they will consider how human needs drive new ideas and why responsibility is important when creating change.

In history, pupils will continue learning about The Viking and Anglo-Saxon struggle for the Kingdom of England. They will develop their understanding of key events, including the Danelaw and the period leading to Edward the Confessor. Children will examine why the Vikings raided Britain and explore how their innovations supported their expansion and settlement. This learning will link to geography, where pupils will develop their fieldwork and mapping skills by observing and recording features of the local area and creating detailed plans.

Our reading focus this term will be '*Leonora Bolt: Secret Inventor*' by Lucy Brandt, encouraging children to think creatively about invention and determination through a range of writing opportunities. For English, children will write a newspaper report announcing a new innovation and later create a monologue to explore character voice and perspective. Maths lessons will continue to build fluency and reasoning across key areas of the Year 4 curriculum, with a focus on fractions and decimals.

Across the wider curriculum, children will explore electricity in science, identifying appliances, learning about electrical safety and constructing simple series circuits. In art, they will create 3D sculptures using wire, developing techniques such as bending and joining. Learning will also continue in religion and worldviews, music, computing, PE, PSHE and Spanish, ensuring an engaging term ahead.