

# Torriano Year 4 Summer 1 Curriculum Leaflet



**HUMANITIES - GEOGRAPHY and HISTORY:** Geographical fieldwork study of a region of UK - Epping Forest (Debden House residential)  
Understand the geographical features of Epping Forest and investigate the historical land usage, comparing it with today. Explore the impact of human activity on Epping Forest. Fieldwork on residential - mapping (ordnance survey) and digital mapping skills.



## ENGLISH

Key texts: Electronics for Kids by Oyvind Nydal Dahl (explanation text), Life Electric: The Story of Nikola Tesla by Azadeh Westergaard (biography), Transported: 50 Vehicles That Changed the World by Matt Ralphs (non-fiction)  
Outcomes: electricity science experiments (to instruct and explain), biography (to inform), STEAM prototype of sustainable transport promotional material (to persuade)



## MATHS

Mastering Number: Fluency in core multiplication facts.  
Fractions Greater than 1: Label number lines. Compare and order mixed numbers. Convert improper fractions of quarters/fifths into mixed numbers. Convert any improper fraction into a mixed number. Add and subtract mixed numbers.  
Review of multiplication facts and strategies: Representing multiplication facts. Counting in groups of numbers. Explain relationships between tables. Solve problems using multiplication facts.

## SCIENCE -Electricity:

Identify common appliances that run on electricity. Construct a simple series electrical circuit, identifying and naming its basic parts. Recognise that a switch opens and closes a circuit. Recognise some common conductors and insulators.



**COMPUTING:** Digital photo editing. Pupils will develop their understanding of how digital images can be changed and edited, and how they can then be resaved and reused. They will consider the ethics and impact that editing images can have, and evaluate the effectiveness of their choices.

**PHYSICAL EDUCATION:** Serve, React, Rally - Use running, jumping, throwing and catching. Play competitive games, modified where appropriate. Apply basic principles suitable for attacking and defending. Control, Accuracy, Combine - Develop technique and control. Apply basic principles suitable for attacking and defending.

**RE:** Concept – Devotion. Mahashivratri, Hinduism.

**PSHE:** Relationships: the qualities of a good friend, how to recognise positive things about themselves, challenging gender stereotyping and understanding aspects of discrimination. Science: the main stages of the human lifecycle. Health: the changes that humans go through at different life stages, including basic facts about puberty, the importance of personal hygiene at puberty and how to keep clean.

**ART & DESIGN:** Key Artist: Monet, Key Skills: Collage

Create by arranging and overlapping, discuss and choose colours and textures and create shapes. Outcome: Create part of a picture of Waterlilies by Monet using collage

**DESIGN TECHNOLOGY:** Know how mechanical systems such as cams or pulleys or gears create movement. Understand how more complex electrical circuits and components can be used to create functional products. Know where and how a variety of ingredients are grown, reared, caught, processed and transported to consumers.

**FRENCH:** My Family. Learning about members of the family. Writing verbs in the 3rd person, il/elle s'appelle, il/elle est, il/elle a.

**MUSIC:** Take the A Train - jazz focus. Compose music to create a specific mood, exploring major and minor chords, improvise pitches.