Lightning Speed

Exchanging Ideas

WOODLAND VIEW PRIMARY SCHOOL

Lightning speed

At the end of this theme, children should...

- Know how to darken or lighten a colour when mixing paint.
- Know how to use tints and shades to give a 3D effect when painting.
- Know how paint can create very different effects.
- Know how to consider proportion and composition when planning a still life painting.
- Know how to apply knowledge of colour mixing and painting techniques to create a finished piece.
- Know about electrical items and how they work.
- Know how to analyse and evaluate electrical products
- Know how to design a product to fit a set of specific user needs.
- Know how to make a torch
- Know how to evaluate a product against a design criteria.

Additional IT objectives linked to the theme.
- Know that the computers in school are connected together in a network
- Know why computers are networked
- Know the difference between the internet and the World Wide Web
- Know that servers on the internet are located across the planet
- Know how email is sent across the internet

enjoy

Learning Environment Opportunities

Woodland Workshop - testing torches

WONDERS

IT suite - how are we connected?

inspire Suggestion

Spend time in the IT with Mr Johnson suite finding out how our school computers are connected to each other and to other around the world.

achieve Question

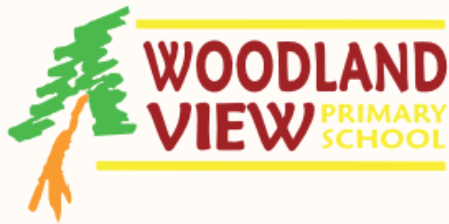Can you imagine a world without the internet?

inspireenjoyachieve

SCHOOL NETWORK

WHAT ARE SERVERS?

INTERNET VS WWW

HOW ARE EMAILS SENT?

Lightning speed

LIGHTEN OR DARKEN

TINTS AND SHADES

WOODLAND VIEW PRIMARY SCHOOL

CREATE DIFFERENT EFFECTS

OUR LEARNING JOURNEY

Computing/Art/DT

PROPORTION AND COMPOSITION

CREATING A FINISHED PIECE

ANALYSE ELECTRICAL PRODUCTS

ELECTRICAL ITEMS

MAKE A TORCH

DESIGN A PRODUCT

EVALUATE PRODUCT

inspire enjoy achieve

SERIES CIRCUITS

INVESTIGATING CIRCUITS

SCIENCE LEARNING JOURNEY

WOODLAND VIEW PRIMARY SCHOOL

CONDUCTORS AND INSULATORS

ELECTRICAL SWITCHES

HOW COMPONENTS CAN CHANGE

Electricity

THEME VOCABULARY

Art

abstract
figurative
muted
patterned
shade
tint
vivid
wash
stippling
pointillism
composition
photorealism

DT

battery
circuit diagram
insulator
target audience
conductor
test
electronic
component
series circuit

Science

electricity
batteries
circuit
voltage
current
bulb
conductor
insulator
switch
control
wind turbines
hydropower

inspire enjoy achieve