

As scientists, we will learn more about electricity. We will associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit; compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches; and use recognised symbols when representing a simple circuit in a diagram.

As Spanish speakers, we will learn how to talk about our local village and town.

In geography, we will describe and understand a key aspect of human geography: economic activity including the distribution of natural resources including energy. Burning coal, oil and gas produce carbon dioxide and nitrous oxide, contributing to climate change. What are the alternative energy sources? How can we reduce our carbon footprints?

In music, we will learn about pitch and duration and compose a class rap.

As readers, we will enjoy 'Stormbreaker' by Alex Rider, as well as information books related to our topic. We will write a range of different text types based on our reading, including suspense narratives, poems and information texts. We will focus on levels of formality and writer's purpose

As mathematicians, we will learn about fractions, decimals and percentages, as well as ratio and proportion. We will continue to learn about measurement and conversion of units. We will practise arithmetic daily to improve our speed and accuracy.

In computing, we will investigate how we can use a computer programme to create geometric art. We will also learn about online relationships and how to keep ourselves and others safe online

In PSHE, we will learn about relationships and our mental health, focussing on love and loss, as well as power and control.

In RE, we will find out about salvation. What difference does the resurrection make to Christians?

In DT, we will design, make and evaluate an electrical product. We will use technical knowledge: understand and use electrical systems in our products [for example, series circuits incorporating switches, bulbs, buzzers and motors]. We will also understand how key events and individuals in design and technology have helped shape the world.

Badgers

Term 5 2022

Gadgets and Gizmos



Do new designs and technology always change the world for the better?

Our Learning Concepts

passion, creativity, pride, virtue, consent

In PE, we will enjoy cricket and rounders with Albion in the Community. We will also complete fitness challenges weekly in the playground.

**Nutley Church of England
Primary School**

Believe and Achieve