How Far Can You Travel?

**Challenge**

Can you build a car and make it travel?

**Curricular Opportunities**

Chinook Helicopter Fly By

**Working as Geographers we will study…**

**Human and Physical Geography**

NC Objectives

Pupil should be taught to:

* Name and locate the world’s seven continents and 5 oceans.

**Working as Engineers we will study…**

Computing – Information Technology

* understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
* create and debug simple programs
* use logical reasoning to predict the behaviour of simple programs

Design Technology – Mechanisms

* Design, Make, Evaluate
* Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

**Working as Artists we will study…**

**Printmaking and Drawing**

NC Objectives

Pupils should be taught:

* to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space

**Working as Athletes we will study…**

**Mighty Movers**

* Pupils should develop fundamental movement skills, become increasingly competent and confident and access a broad range of opportunities to extend their agility, balance and coordination, individually and with others.
* They should be able to engage in competitive (both against self and against others) and co-operative physical activities, in a range of increasingly challenging situations
* Pupils should be taught to master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities

**Working as Philosophers we will study…**

RE: Unit 1.2 ‘What do Christians say made the world?’ and L1.10 ‘What does it mean to belong to a faith community?’

Global goals 3 – Good Health and Wellbeing

PSHE: **Image Sharing** looks at the types of images we shouldn’t share online and how quickly an image can be shared.

**Working as Scientists we will study…**

**Materials**

NC Objectives

Y1 Pupils should be taught to:

* distinguish between an object and the material from which it is made
* identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
* describe the simple physical properties of a variety of everyday materials
* compare and group together a variety of everyday materials on the basis of their simple physical properties.

Y2 Pupils should be taught to:

* identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
* find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

**Working as Mathematicians we will study…**

Year 1: Number and place value to 10, addition and subtraction within 10, numbers and place value to 20, addition and subtraction within 20.

Year 2: Number and place value to 100, addition and subtraction, multiplication of 2, 5 and 10, multiplication of 2, 5 and 10.

**Working as Authors we will study…**

**Key texts:**

Wild – Emily Hughes

Rapunzel – Bethan Woollvin

**Genres:**

Narrative

Diary

**Working as Historians we will study…**

**Transport**

NC Objectives

Pupils should be taught to:

* Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life.

**Working as Musicians we will study…**

The violin

NC Objectives

Pupils should be taught to play tuned instruments.