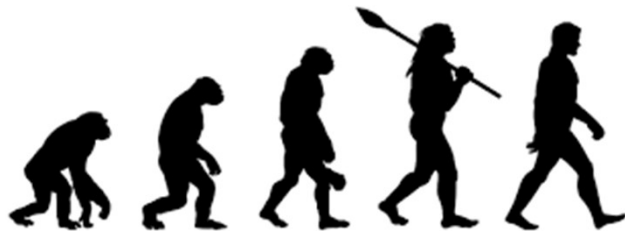


# All Change Year 6 Spring Term



## Key Area of Learning – Geography & History

### Geography

Children will know, through their topic of Evolution in Science, that variation of living things can help survival of species and that Darwin described this as his theory of evolution by natural selection. They will learn that Charles Darwin's travels to the Galapagos Islands were a key factor in developing this theory. They will draw upon their prior learning of volcanoes and their study of South America to understand some of the geographical features of the islands, located off the coast of Ecuador. They will consolidate their world map knowledge by tracking Darwin's circumnavigation of the globe, with a particular focus on South America.

### History

Children will learn about some of the amazing discoveries of Charles Darwin and his voyage on The Beagle.

## English

We are currently reviewing our English Curriculum and this page will be updated soon.

## Mathematics

In Maths we will focus on:

- Ratio and Proportion: Solve problems.
- Algebra: Use simple formulae to describe sequences and find missing numbers
- Decimals: Multiply and divide decimals by whole numbers. Convert between fractions and decimals. Solve problems.
- Percentages: Recall and use equivalences between fractions, decimals and percentages.
- Measurement: Find perimeter, area and volume.
- Statistics: Interpret and construct pie charts and line graphs. Calculate and interpret the mean as an average.

## Science

### Continue Electricity

**Living things and their habitats.** We will be looking more closely at the classification system and how all organisms can be separated into broad groupings based on observable characteristics. We will also identify how animals and plants are adapted to suit their environment.

**Evolution and Inheritance.** We will recognise that living things have changed over time and that fossils provide information about living things. We will explore the idea that characteristics are passed from parents to their offspring. We will discover that variation of living things can help the survival of species and that Darwin described this as his theory of evolution by natural selection.

## Art

**Textiles.** We will explore a variety of work by textile artists and will work with a range of techniques such as tie-dye and paste batik to add colour and pattern to fabric. We will then use a number of different stitches and techniques such as embroidery and applique to add decoration.

## DT

### Mechanical systems: Automata toys

Pupils will explore cam profiles and recognize how they change movement. They will use exploded diagrams and develop a design idea with descriptive notes. When making their toy, they will mark, saw, and cut components and supports with varying accuracy to measurements. They will measure and cut panels to conceal the automata's inner workings and create neat, decorated follower toppers. They will finish the automata to meet the design criteria and brief before evaluating their product with reflective points on function and form.

## Computing

### Continue Sensing movement

**3D modelling** We will plan, develop, and evaluate 3D computer models of physical objects.

**Webpage creation** We will design and create webpages, giving consideration to copyright, aesthetics, and navigation.

**Online Safety** We will focus on the following strands: privacy and security; managing online information; copyright and ownership.

## PSHE

**Dreams and Goals.** We will explain different ways to work with others to help make the world a better place. Explain what motivates me to make the world a better place.

**Healthy Me.** We will discuss when substances (including alcohol) are being used anti-socially or being misused and the impact this can have on an individual and others. Identify and apply skills to keep myself emotionally healthy and to manage stress and pressure.

## Music

**Composing for Protest** English composer Ethel Smyth used music to put across the message of the suffragettes when she wrote their *March of the women* anthem. In this unit, children will learn how to make their own protest song inspired by Ethel's anthem and the suffragette movement

**You to me are Everything** During this unit, pupils will explore the key musical features of this track and develop an understanding of the term 'cover version'.

## PE

**Handball.** Pupils will develop key skills of attacking and defending such as throwing, catching, dribbling, intercepting and shooting. Pupils use these skills to maintain possession of the ball and to create scoring opportunities in attack.

**TAG Rugby.** Pupils will develop key skills and principles such as defending, attacking, throwing, catching, running and dodging. When attacking, pupils will support the ball carrier using width and drawing defence. When defending, pupils learn how to tag, how to track and slow down an opponent, working as a defensive unit.

## RE

In RE we will explore the following key questions:

- Why do Hindus want to be good? (Hindus)
- What difference does the resurrection make to Christians? (Salvation)

## French

Phonics and Pronunciation

**Healthy lifestyles** Pupils will learn the nouns and determiners for ten 'healthy' and ten 'less healthy' foods, along with the 1<sup>st</sup> person singular conjugation of the high frequency verbs 'to eat' and 'to drink'. Pupils will be able to say what they eat and do not eat and drink and do not drink to stay healthy.