

### DT- Fashion and Textiles

Combining different fabric shapes to create a mobile phone case. Children will start to learn about the work of fashion designers, then discover some ways in which textiles may be joined and decorated. Following this, they may either practise hand-sewing stitches or identify machine-stitching patterns on a range of materials.



## Topic Map: Year 6 - 'Just keep swimming!'

Term: Summer 2



### Geography-Sustainable Tourism

Children will develop a greater awareness of the impact tourism can have on countries, localities and cultures. They will know and understand what sustainable tourism is and be able to consider and understand the pros and cons of staying in the United Kingdom for a holiday. Children will create plans for an eco-friendly, sustainable holiday resort or hotel in order to be able to present a 'sales pitch' to persuade environmentally conscious travellers to visit their hotel or resort.



### Computing

Children will cover ICT objectives through the other curriculum areas. Children will code through a series of instructions and continue word processing skills.



### Swimming

Pupils focus on swimming more fluently and with increased confidence and control. Pupils work to improve their swimming strokes, learn personal survival techniques and how to stay safe around water. Pupils have to keep afloat and propel themselves through the water. Pupils are given the opportunity to be creative, designing their own personal survival course and creating a synchronised swimming sequence. Pupils take part in team games, collaborating and communicating with others.



### R.E - Healing/Common Good/ Islam

Children will learn about networks of friendships and relationships that enable human beings to live together. They will understand that if human beings are to live together in relationships, there is always need for reconciliation. For many people, some places in the world are special. For others the whole world is special. Children will learn that we all feel a need to look after what is special to us.

### WOW Experiences

Year 6 Fun Day!

### PE - Golf

Pupils will develop skills and apply them to striking, chipping, putting and playing a short and long game. They will develop their coordination, accuracy and control of movements. These lesson plans will enable teachers to provide pupils with activities that help them understand the principles of golf and develop fluid movements that can be used in game situations.

### French

Children will be learning how to order simple foods and drinks in a café or restaurants. During the later lessons, the pupils will begin to look at euros and how much it costs to order their favourite food. Yum!



### PSHCE - Relationships

We will start the '*Journey in Love*' scheme. This supports the ability for children to:

Children develop in an appropriate way for their age, an understanding of sexuality and grow further in their appreciation of their dignity and worth as children of God. Children will come to understand how human life is conceived.

### Class Novel/Book

Michael Morpurgo - '*The Giant's Necklace*.'

## English

### Formal/Impersonal writing

Children will study formal and informal texts including letters. They will express views about the features of the texts. They will be able to express personal opinions to compare and contrast a range of texts using evidence from the text to support their opinion.

They will capture ideas, language and learning to be able to use and apply in the writing phase and eventually write a formal text and an informal text demonstrating the ability to adopt the correct style to fit purpose and audience.

### Time Slips

To begin this topic, children will read 'The Giant's Necklace' by Michael Morpurgo.

Children will explore ideas, language and learning to be able to use and apply in the writing phase. They will identify features of time slips and analyse author technique.

The class teacher will use demonstration and peer collaboration to support these skills, together with continued reference back to the features identified. Children will consider the use of paragraphs and sentence structure and cohesive devices to improve their work and evaluate how this feeds into the writing process.

Through modelling and shared write children will learn how to plan and write a story with time slips.



## Mathematics

### Coordinates

Children will learn how to use negative numbers in context, and calculate intervals across zero.

They will describe positions on the full coordinate grid (all four quadrants).

They will draw and translate simple shapes on the coordinate plane.

They will be able to draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

### Mean, median mode and averages

Children will be able to calculate and interpret the mean as an average.

### Data Handling

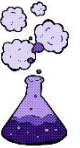
Children will solve comparison, sum and difference problems using information presented in a line graph.

They will be able to interpret and construct line graphs and use these to solve problems.



## Science

### Animals Including Humans



Children will learn about historical health problems caused by poor diet, and how the work of scientists such as James Lind helped develop a better understanding of how diet affects health. They will then consider and describe how medical tests and trials might be conducted, or improved.

Children will learn about food groups: what they provide our bodies with, and what quantities of each we need in a balanced diet. They will then either design balanced meals or study food labelling.

Children will learn about the functions of the heart, lungs and circulatory system, then either draw and label diagrams, or perform a heart dissection to study its internal structure.

Children will learn about how muscles work, and how they work in groups to move the skeleton.

They will then explore in greater depth how blood flow increases to different muscle groups during different types of exercise.

Children will identify and name the main parts of the human circulatory system, describe the functions of the heart, blood vessels and blood.

They will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. They will describe the functions of the heart, blood vessels and blood and the ways in which nutrients and water are transported within animals, including humans.