

## CODEBREAKERS

Term 5 – We will be investigating the world of codes around us. We will be considering what it means to be a spy and solving the missions set for us.

## Year 5 Term 6

### Respect and Tolerance class.

### ENGLISH

**Fiction:** Our class text this term is Stormbreaker by Anthony Horowitz. This is a suspense/ thriller with a theme of spies.

**Non fiction:** We will look at examples of persuasive writing from a variety of model texts. We will gather the features of this text type in order to write our own persuasive text to market a product.

In spelling, we will focus on learning the spellings of words containing silent letters.

### R.E.

We will be looking at the ways in which different religions support communities and try to change the world.

### P.E.

We are very fortunate to have the opportunity to learn the skills required for sailing this year, focussing on preparing the boat to sail, following water safety advice and turning the boat.

### Maths

#### Number Maths

We will be using formal column methods to solve addition and subtraction calculations with numbers up to four digits. We will also add and subtract decimals with up to 3 decimal places. All of these skills and methods will then be applied to solve real life word problems. We will also be using long division and our knowledge of times tables to solve multiplication and division problems.

#### Topic Maths

We will revisit our knowledge of time, including conversions between seconds, minutes and hours. We will also calculate the areas of irregular and compound shapes.

### Creative Curriculum

During this topic, we will learn how to do science and be scientists. As scientists we will consider the effects of forces such as water and air resistance, experimenting and measuring our findings. We will explore the real-life effects of air and water resistance and apply our knowledge to design and make a spy gadget, to complete our given mission. As developing designers, we will explore the properties of materials and use our findings to design a product according to given specifications. We will select and use appropriate tools carefully and accurately, in order to make our design a reality.

In **PSHE** we will be looking at our skills and achievements, considering possible jobs and careers we may aspire to achieve in our futures.

In **COMPUTING** we will be focusing on the question-What causes a bug in a program? We will change the code in a program to fix errors and solve problems, using Micro bits. We will also learn the purpose of variables and how to use them in a program.

In **MUSIC** we will be working with the Purcell school of music as well as learning how to compose different types of melodies.