

## Curriculum Overview

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Term: Autumn 2

Year: 5

The Year Team:

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Mrs Reynolds 5CR / Head of Year

Mr Milroy 5JM

Ms Spicer 5KS

Ms Cummins 5CR

## English/Literacy

Reading: Our Literacy and Language unit is based on a story called "Bling!" by Jon Blake. Pupils will identify morals and messages in stories and will analyse characters. We will also look at newspaper reports in this unit and pupils will learn how to identify facts and opinions.

Writing: Pupils will write character descriptions and write in role during the fiction aspect of our Literacy and Language unit. They will also write newspaper articles. A key grammar focus will be how to use relative clauses accurately.

Spellings: The children will learn spellings which follow a spelling pattern and will be texted on these weekly.

## Mathematics

This half term our main focus will be fractions, decimals and percentages. Pupils will learn to recall simple equivalent fractions, decimals and percentages and how to convert more complex fractions, decimals and percentages. They will also be taught how to convert between mixed number and improper fractions. Pupils will also learn how to order and compare fractions.

Pupils will also how to calculate the area and perimeter of rectangles and to convert units of measure. The first week of the half term will be inspirational maths week which will involve the children to solve problems

## Science

This half term in science pupils will learn about a range of forces including gravity, air resistance, water resistance and friction. Pupils will learn through a range of practical activities. They will learn how to use Newton meters to measure forces and record their measurements in tables and graphs. Pupils will also plan fair test investigations and learn about how pulleys and levers work.

## PE

Each week all classes will have an indoor and outdoor P.E. session. During outdoor sessions pupils will be learning a range of invasion games and refining their passing, shooting and defending skills.

Details about which day each class will take part in P.E. will be sent out at the beginning of the year.

## IPC/Religious Education

This half term pupils will be taught Religious Education. During the last two weeks of term we will be building on prior knowledge of a range of religions. Pupils will explore a whole school focus in the context of a range of religions, as well as learning about a specific religion in more depth.

## ICT

During this half term, Year 5 will be using a range of software such as 'Espresso Coding' and 'Scratch' to teach the children how to programme objects to move based on the instructions they input. We will also make use of I.C.T. across the curriculum. For example in Science, children will use the internet to develop their research skills.

### **School visits & community links**

We will be visiting Pimp Hall Park to do some pond dipping and mini-beast collecting!

# Home / School Partnership

## Homework

*(All homework will be given out on a Friday and should be returned on a Wednesday please)*

- Pupils are given Maths and Literacy homework every Friday to be completed by Wednesday
- Pupils should read daily for 15 minutes
- Pupils should make regular use of Mathletics, MyMaths, Bug Club and Lexia accounts
- Pupils should practice their times tables as often as possible

## Extended Schools Activities/Clubs for Year

- Music tuition
- ICT club
- Basketball
- Gymnastics
- Science
- Football

*For further information about these clubs please contact the school office or review our website*

## Parent Support

Help: Supporting children in their learning involves creating a strong partnership between parents, children and teachers and maintaining it. If you feel that you can help the Year 5 team to better support your child please feel free to contact your class teacher anytime and we will be very happy to speak to you. In addition, the Year 5 team would be grateful for any ideas, suggestions, and resources or time that you are able to offer. Thank you for taking the time to read this.

### Resources:

### Skills/Opportunities:

- Adults who are willing to help out on school trips
- Adults who are regularly able to volunteer to hear children read

**Please contact your class teacher or the school office if you would like further information**