



# Year 5 Newsletter

Upton Junior School

This booklet gives a quick resume of our teaching and learning programme for Term 1. Further detail about the curriculum can be found on our website or on MCAS.

## TOPIC FOR TERM 1

### Our Year 5 topic this term is Changes.

In Science children will learn: that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. They will use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating, decanting and magnetism. From this they will go on to demonstrate that dissolving, mixing and changes of state are reversible changes. The children will be able to explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

In D&T the children will learn: that recipes can be adapted to change the appearance, taste, texture and aroma linking to reversible and irreversible changes. They will learn that different foods contain different substances - nutrients, water and fibre - that are needed for health. From this they will prepare and cook safely and hygienically using a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking differing types of bread.

In Geography: The children will research the distribution of natural resources including energy, food, minerals and water and how this can change over time. They will understand that differing countries have differing levels of natural resources use index and contents page in atlas to locate countries to support them in this

## Music

At Upton we teach the National curriculum for music through the focus of a different instrument each year. In Year 5 they will be learning Ukulele. This term they will focus on: holding the ukulele correctly/posture; open string and 1st position fretted notes; simple chords in 1st position; strumming patterns; simple fingerstyle playing; accompanying a simple song and the chord Charts and tablature.

For all lessons, instruments are provided by the school.

## Computing

This Term 1 unit of Scratch builds on the previous unit in Year 4 (Questions and Quizzes) using Scratch to build and edit algorithms for simple games. The unit is designed to help children develop their skills in writing their own algorithms as well as editing and debugging existing codes. By the end of this unit children will be able to: Add additional effects and features, such as sound or point scoring, to enhance the appeal of a game; Move and edit blocks as part of an algorithm and program an algorithm as a sequence of game instructions with actions and consequences.

# PE and Swimming

## Key dates:

Meet & Greet—Monday 12th September

Photos—Wednesday 14th September

WOW day— Tuesday 20th September TBC

D&T Day— Tuesday 18th October

Fabulous Finish parents invited in Wednesday 19th October

Thursday 5B & 5G **Swimming** and Music

Thursday 5R & 5Y Art and Computing

## Swimming in Term 1

Children will need to bring their swimming kit, swimming costume (full swimsuit for girls and fitted shorts for boys), swimming hat, goggles and towel in a bag. Please ensure all items are named.

## PE and Sport

PE takes place every week. PE kits always need to be worn to school on **MONDAY**

## RE

In Re this term, Year 5 will focus on Jewish worship and Community. They will understand the features of a synagogue and discuss the role of a Rabbi.

From this they will learn and discuss the importance of community to people's lives.

# MATHS

## Place Value

- Roman numerals to 1,000
- Numbers to 10,000
- Numbers to 100,000
- Numbers to 1,000,000
- Read and write numbers to 1,000,000
- Powers of 10
- 10/100/1,000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Number line to 1,000,000
- Compare and order numbers to 100,000
- Compare and order numbers to 1,000,000
- Round to the nearest 10, 100 or 1,000
- Round within 100,000
- Round within 1,000,000

## 4 Operations

- Mental strategies
- Add whole numbers with more than four digits
- Subtract whole numbers with more than four digits
- Round to check answers
- Inverse operations
- Multi-step addition and subtraction problems
- Compare calculations and find missing numbers
- Multiples, factors, prime numbers, square numbers, cube numbers
- Multiply by 10, 100 and 1,000
- Divide by 10, 100 and 1,000
- Multiples of 10, 100 and 1,000

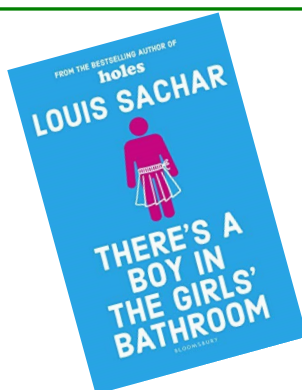
# ENGLISH

At Upton we believe that reading should truly be at the heart of the English curriculum. Through reading, pupils learn how to write and apply spelling, punctuation and grammar conventions.

Reading is a pillar of our civilization, present in every facet of society, and pupils who read well will ultimately have greater access to our textually rich world. Generating a long-lasting love of books and affinity with quality texts is key to an inclusive and inspiring English Curriculum. With this in mind, we have adopted a 'Text-Based Curriculum', where all aspects of English teaching and learning revolve around a chosen text.

The book we will be reading in our English lessons in Term 1 is:

## THERE'S A BOY IN THE GIRLS' BATHROOM



## Homework and Blogs

A reminder to look at our weekly year group blogs on Friday for key dates, messages and the learning that has taken place each week.



### READING

Minimum three times a week. Reading record must be signed by an adult.

Reading can be completed on your own or with your parents.



### CROSS CURRICULAR

Once a week - set on Friday, handed in on Wednesday.

Task will be uploaded onto the class blog on the

Upton Website every week.

Task to be completed in



### TIMES TABLES ROCKSTARS

Minimum three times a week.

Can be completed on tablets, laptops or mobile phones though the app or the website.

Login details available in MCAS app under 'Reports' tab.



### MYMATHS

Once a week - Friday to Friday.

Tasks will be completed online, with new tasks set every week.

Tasks will always follow the subjects being taught in class that week.



### SPELLING SHED

Once a week - Friday to Friday.

Tasks will be completed online, with new tasks set every week.

Tasks will always follow the spellings being taught in class that week.

# TEACHING STAFF

## Year 5



Miss Watkins

Teacher

5B Teacher

Emily.watkins@uptonjunior.com



Miss Papa-Adams

Head of Years 5 & 6

5G Teacher

Athanasia.Papa-Adams@uptonjunior.com

Miss Hayes

Teacher

5R Teacher

Ruby.Hayes@uptonjunior.com



Miss Lewis

Teacher

5Y Teacher

Nikki.lewis@uptonjunior.com



Mrs Denby

Teacher

Learning Group

Michelle.Denby@uptonjunior.com