

COMMON AND RIVER KINGFISHERS YEAR 6

TOPIC PLAN

AUTUMN 2019



Maths

- Purpose: to become mathematicians with a mastery of skills and an enjoyment of tackling stimulating, real-life challenges.

To use a secure method of the four operations to complete mental and written calculations.

The children will be consolidating their place value and arithmetic skills.

To become confident converting fractions to decimals and percentages.

To calculate area and perimeter including composite shapes; to secure understanding of metric units of measurement

Coordinates for map reading and compass readings for orienteering

To continue to use and apply mathematical knowledge through a problem-solving approach.

The importance of speedy recall & application of times tables cannot be understated and will be embedded in learning.

www.mathsisfun.com www.educationcity.com



English: Writing

- Purpose: to become imaginative, engaging writers, using accurate and precise language, with the reader in mind at all times

To develop a creative narrative writing style by using quality, classic texts as inspiration. The first focus will be on paragraphing. Our first story will be a portal story based on *The Viewer* by Shaun Tan. We will later use our year group novel, *Holes* by Louis Sachar, to inspire, engage and inform.

Continue to develop grammar skills by: increasing the use of a variety of punctuation; using, with more frequency, techniques such as alliteration, onomatopoeia, similes and metaphors; developing a variety of interesting sentence structures, such as using adverbial clauses



English: Reading

- Purpose: to enjoy reading a wide range of quality text styles, authors and genres; for reading to be embedded into daily learning as a research tool as well as a form of relaxation

In reading, to interpret texts to respond to a variety of different question types; inference, deduction as well as direct retrieval; to be able to compare and contrast texts; to develop curiosity through reading; to expand understanding and use of increasingly complex vocabulary.

Science: Light and Electricity

Purpose: Through all science learning, the children should be able to identify ways to work scientifically, ask and formulate questions to further their understanding and to use their learning to investigate practical uses of science.

Through practical investigations and experiments, we will be learning about light sources and how light travels. We will understand how the eye works and the difference between transparency, translucency and opaqueness. We will explore how shadows are formed and extend our learning into refraction of light and how we see colour. The children will be making their own colour theatres and creating their own kaleidoscopes. In electricity, we will compare and give reasons for variations in how components function. The children will learn how to recognise and draw symbols for series circuits.



Design, Technology & Art

Art: We will be exploring the Landscape artist LS Lowry and creating a range of work in his style.

DT: We will be Upcycling items of clothing for a fashion show linked to the Philippines.



Spelling Purpose: There will be a focus on correct use of spelling patterns within writing by both learning the rules and applying them accurately across the curriculum. We will be developing the skills of self-editing our work including spellings. Spellings will be taught on a Monday; there will be an application test on the following Monday, but the children will also be self-monitoring daily.

Geography

We will build on our knowledge of map reading by developing our understanding of coordinates and topography during the residential week and through studying The Philippines. We shall also look for similarities and differences between Wales, the Philippines and Swindon. We shall look at the physical and environmental differences as well as human interaction such as, land use, settlements, and natural resources.



R.E. Sikhism We will consider the questions: *Is it better to express your religion in arts and architecture or in charity and generosity?* and *How can people express the spiritual through the arts?* through learning about Sikhism. We will visit the Swindon Gurdwara (Sikh temple) to support our understanding.



Spirituality

Our overarching theme is **Kindness** and our value is **Thankfulness**. In addition, we will explore how, as the oldest pupils, we can set the best example to others. Monitor positions will be available for which children can apply.



Homework - about 2½ hours

Purpose: to develop curiosity and independent learning as well as time management

Reading - the children are encouraged to complete their own reading record independently at least 5 times per week.

English is set on **Monday**. It is marked on **Thursday**. **Maths** is set on **Thursdays** and is to be handed in on **Mondays**. From time to time, there may be other homework set to link with class work.



P.E. We will be developing our hockey skills as well as taking part in cross country running. In a 'World of Sport' we will be learning the Haka. Children must have the appropriate outdoor PE kit at school every day to reflect the colder weather as well as shorts for indoor activities. Adventure sports and orienteering take place in Pencelli/during the project week.



French - Notre Monde



We will make links to map work in Geography for example describing rivers and weather features. We will learn about French-speaking countries.

Music We will be listening carefully to a variety of songs, considering the meaning of the lyrics and accompanying them with instruments. We will be extending our knowledge of musical notation and apply this to our accompaniments.



P.S.H.E.

We are learning with a new scheme, known as Jigsaw and the two themes covered before Christmas are *Being me in my World* and *Celebrating Differences*.



Computing

We shall concentrate on e-safety, the importance of online safety and understand how cyber bullying can occur. We will also learn how to apply spreadsheets skills practically.

