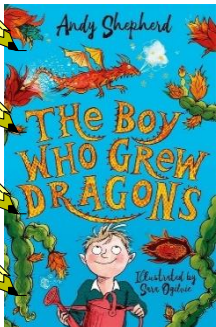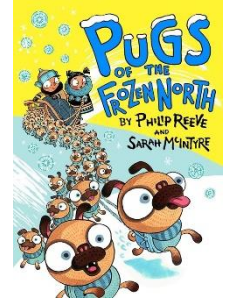# Dolphins Curriculum – Summer 2024

Literacy

This year, we are now using Literacy Shed instead of The Write Stuff to aid us within literacy. We are looking for children to bring some creative flair back into their writing! We have brand new topics for 2024 to share with the children which I think they will love.

Summer 1, our main book is *Pugs of the Frozen North*, as well as basing our writing on *The Rumblestar* and *Pigeon Impossible*.

In Summer 2, our main book is *The Boy Who Grew Dragons*, as well as looking at *Tuesday* and *The Shirt Machine*.

SPaG skills are now incorporated into each lesson whilst handwriting will be practised every day. Children will have spellings once a week with tests every Friday. These spellings can look a little daunting, so please help them practise at home.

Numeracy

For Summer term, we will be delving into a multitude of topics such as decimals, time, shape and statistics – such as bar charts and pictograms. Children will need to be able to tell the time to the nearest minute on an analogue clock, so please start looking at time at home to reinforce these skills.

Every day now in Dolphins class, we will continue practising key times table skills. These skills are increasingly important, as Year 4s this year will sit their formal Multiplication Check in June 2024. Children will need to be confident and fluent in 1-12x and need to be able to recall these facts quickly.

We will also be continuing Times Table Rockstars which is an online platform to help children practise. Last term, not many children accessed this at home, so it would be fantastic if you could encourage them to get in some extra practise a few times a week.
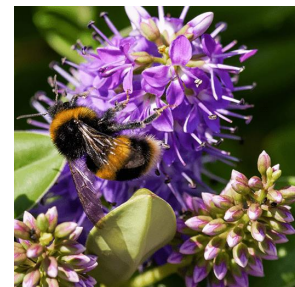
History – Emperors & Empires – Summer 1 and 2

In the Emperors and Empires project, your child will learn about the growth and decline of the Roman Republic and the Roman Empire. They will discover the absolute power of the Roman emperors and study the hierarchies of Roman society and the Roman army. They will study the first invasions of Britain in 55 and 54 BC and the Roman conquest of Britain in AD 43. They will learn about Boudicca's rebellion, Hadrian's Wall and the Romanisation of Britain, including how Christianity came to Britain and investigate the legacy of Roman Britain in their local area.

Science – Plant Nutrition & Reproduction – Summer 1

In the Plant Nutrition and Reproduction project, your child will learn to link plant structure to function and identify plant parts associated with water transport and reproduction. They will build on prior learning, naming and describing the function of different parts of flowering plants, including the roots, stems, leaves and flowers. Your child will observe fibrous roots and taproots and investigate how water and nutrients are transported in plants. Your child will create the life cycle of a flowering plant and learn the parts and functions of flower parts. They will ask scientific questions about pollination and research to find the answers. They will learn about seed formation and dispersal and identify how the structure of seeds aid dispersal.

Science – Light & Shadows – Summer 2

In the Light and Shadows project, your child will learn that light is a form of energy essential to life on Earth. They will learn that dark is the absence of light and that the Sun is Earth's main source of light and heat. They will identify light sources and reflectors and discuss their differences. They will investigate materials to discover which are reflective and which are non-reflective. They will use their results to identify the qualities of reflective and non-reflective materials and discuss the need for reflective materials in everyday life. They will learn the importance of staying safe in the Sun and investigate sun creams. They will learn about shadows and how they change shape when a light source moves. They will investigate whether transparent, translucent and opaque materials cast shadows and discuss their uses. They will ask scientific questions about light, reflectors and shadows and research to find the answers. They will complete their learning by investigating how shadows change during the day.

Art – Mosaic Masters – Summer 1

This project is linked to Emperors and Empires.
This project teaches children about the history of mosaics, before focusing on the colours, patterns and themes found in Roman mosaic. The children learn techniques to help them design and make a mosaic border tile.

DT- Greenhouse – Summer 2

This project is linked to Emperors and Empires.
This project teaches children about the purpose, structure and design features of greenhouses, and compares the work of two significant greenhouse designers. They learn techniques to strengthen structures and use tools safely. They use their learning to design and construct a mini greenhouse.

Physical Education - Spring 1 and 2

PE in Dolphins class will be on a Tuesday with Mr Waineright from Aylestone and Wednesday with me. In Summer 1, children will be doing one day on rounders and the other on OAA – short for outdoor adventurous activity! In this topic, children will look at team building, problem solving and elements of orienteering. Days of PE may change in Summer 2 but I will keep you informed via Dojo.

In Summer 2, children will be looking at athletics and on the other day – tennis. Please remember to have your full PE kit on both days, including those all important red socks.

Also over the Summer term, Dolphins will be going swimming! Payments should be available on Parent Pay. Children will need swimming trunks/costume (please no bikinis), a towel, goggles and a swimming hat if they have long hair. We will be going every afternoon for two weeks.

Music – Summer 1 – Ancient China

This unit focuses on pitch and reading and writing notation. Pupils learn about the pentatonic scale and harmonious sounds through composing, performing and singing tasks. Pupils begin combining rhythm and pitch notation to record their music. All of this is inspired through the exploration of ancient Chinese music, philosophy, myths, and rituals.

Music - Summer 2 - Samba

This unit explores the musical style of samba. In this unit, focusing on rhythm and pulse, the pupils will have the opportunity to perform samba music as a whole class and in small groups. They will explore the instruments of the samba and create their own samba band.

RE- How do festivals and worship show what matters to a Muslim?- Summer 1

Make Sense of Belief
· Identify some beliefs about God in Islam, expressed in Surah 1.
·Make clear links between beliefs about God and ibadah (e.g. how God is worth worshipping, how Muslims submit to God).

Understand Impact
· Give examples of ibadah (workship) in Islam (e.e. prayer, fasting, celebrating) and describe what they involve.

·Make links between Muslim beliefs about God and a range of ways in which Muslims worship (e.g. prayer and fasting as a family and as a community, at home and in the mosque).

Making Connections
· Raise questions and suggest answers about the value of submission and self-control to Muslims', and whether there are benefits for people who are not Muslims.

·Make links between the Muslims idea of living in harmony with the Creator and the need for all people to live in harmony with each other in the world today, giving good reasons for their ideas.

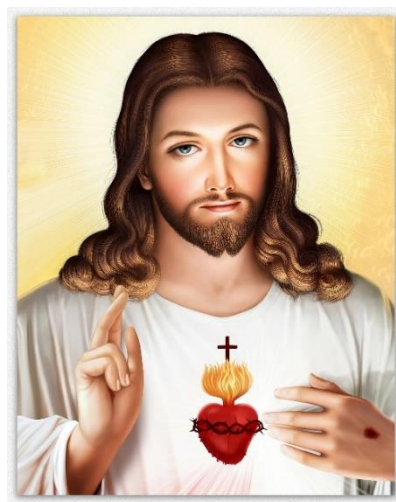## RE- What is it like for someone to follow God?- Summer 2

Make sense of belief:
-Make clear links between the story of Noah and of the covenant
Understand the impact:
-Make simple links between promises made in the story of Noah and promises Christians make at a wedding ceremony.
Make connections:
-Make the links between the story of Noah and how we live in school and the wider world.

PSHE -Being My Best – Summer 1

During Summer 1, we will be focusing on looking at our own individuality and what makes us special. We will look at making choices, as well as learning some basic first aid.

PSHE -Growing & Changing – Summer 2

During Summer 2, we will be looking at the many changes we could be experiencing over the next few years; changing schools, classes, moving house and the big one... puberty. I will be sending out letters with more detail of the content of this lesson, and any questions or concerns, please do not hesitate to come and discuss it with me.

Computer Science -Desktop Publishing – Summer 1

During this unit, learners will become familiar with the terms 'text' and 'images' and understand that they can be used to communicate messages. They will use desktop publishing software and consider careful choices of font size, colour and type to edit and improve premade documents. Learners will be introduced to the terms 'templates', 'orientation', and 'placeholders' and begin to understand how these can support them in making their own template for a magazine front cover. They will start to add text and images to create their own pieces of work using desktop publishing software. Learners will look at a range of page layouts thinking carefully about the purpose of these and evaluate how and why desktop publishing is used in the real world.

Computer Science -Branching Databases – Summer 2

This unit explores the links between events and actions, whilst consolidating prior learning relating to sequencing. Learners will begin by moving a sprite in four directions (up, down, left and right). They will then explore movement within the context of a maze, using design to choose an appropriately sized sprite. This unit also introduces programming extensions, through the use of pen blocks. Learners are given the opportunity to draw lines with sprites and change the size and colour of lines. The unit concludes with learners designing and coding their own maze tracing program.