









Curriculum Information Sheet Autumn Term 1 2024-2025

Class: Joyful Jellyfish & Sensible Seahorses Year 5

<p>ENGLISH</p> 	<p>Key Book: Shackleton's Diary</p> <p>We will be focusing on:</p> <p>Third person stories set in another culture:</p> <p>Students will write a third person narrative set in another culture, demonstrated through the inclusion of a range of cultural references.</p> <p>Formal letters of application:</p> <p>Students will write formal letters of application using persuasive language and devices.</p> <p>Whole Class Reading:</p> <p>Each week there will be a reading skill focus:</p> <p>Comprehension/ summarising/ vocabulary building/ retrieval/ inferring/ predicting.</p> <p>Looking at test style questions.</p> <p>Grammar:</p> <ul style="list-style-type: none">• Modal verbs• Fronted adverbials• Prefixes and suffixes• Use of dictionaries and thesauruses <p>Handwriting:</p> <p>To write legibly, fluently and with increasing speed.</p> <p>Spelling:</p> <p>All children will be given weekly spellings to practise based on the Year 5 SPAG curriculum. Weekly spelling tests will be replaced with termly spelling tests. All children will be taught three 15-minute lessons throughout the week.</p>
<p>MATHS</p> 	<p>Each week the children will be challenged on key areas of the Year 5 maths curriculum. The principal focus of mathematics teaching in Upper Key Stage 2 is to ensure that pupils extend their understanding of the number system and place value to include larger integers. This should develop the connections that pupils make between multiplication and division with fractions, decimals, percentages and ratio.</p> <p>We will be developing their skills in:</p> <ul style="list-style-type: none">• Securing number facts, place value and relationships<ul style="list-style-type: none">♣ read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit♣ count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000♣ interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

	<ul style="list-style-type: none"> ♣ round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 ♣ solve number problems and practical problems that involve all of the above ♣ read Roman numerals to 1000 (M) and recognise years written in Roman numerals. • Addition and subtraction <ul style="list-style-type: none"> ♣ add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) ♣ add and subtract numbers mentally with increasingly large numbers ♣ use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy ♣ solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. • Statistics <ul style="list-style-type: none"> ♣ solve comparison, sum and difference problems using information presented in a line graph ♣ complete, read and interpret information in tables, including timetables
<p style="text-align: center;">SCIENCE</p> 	<p>We will be learning about Properties and changes of material for our half term Science topic. There is an emphasis on asking scientific questions, developing investigative skills and writing up investigations. For our topic on Properties and Changes of Materials we will be learning about:</p> <ul style="list-style-type: none"> • Properties & Solubility • Separating mixtures • Thermal conductivity <p>The principal focus of Science teaching in upper Key Stage 2 is to enable pupils to broaden their scientific view of the world around them. They will do this through exploring, talking about, testing, developing ideas about everyday phenomena and the relationships between living things and familiar environments. They will begin to develop their ideas about functions, relationships and interactions.</p>
<p style="text-align: center;">TOPIC WORK</p> 	<p>Geography – Four and Six Figure Grid References</p> <p>Pupils will extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world’s most significant human and physical features. They will develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge.</p> <p>DT – Electrical systems: Doodlers</p> <p>In this unit, pupils will be exploring circuits further and introducing motors. They will also be exploring how the design cycle can be approached at a different starting point, by investigating an existing product, which uses a motor. They will be encouraged to problem-solve and work out how the product has been constructed, ready to develop their own.</p> <p>Computing - E-Safety</p> <p>Pupils will learn how to create strong passwords to protect their information, establish group rooms to create a positive online community, learn what spam is and the form it takes, reflect on the importance of citing all sources when they do research and consider how digitally manipulated photos can affect the way people feel about their appearance.</p> <p>Vector drawing</p> <p>In this unit learners will find out that vector images are made up of shapes. They will learn how to use the different drawing tools and how images are created in layers. They will explore the ways in which images can be grouped and duplicated to support them in creating more complex</p>

	pieces of work. This unit is planned using the Google Drawings app other alternative pieces of software are available.	
PSHE 	Families and relationships They will develop an understanding of families, including marriage and what to do if someone feels unsafe in their family; learning that dealing issues can strengthen a friendship; exploring the impact of bullying and what influences a bully's behaviour; learning to appreciate our individual positive attributes.	
Philosophy Religion and Ethics Education 	Focus: Creation & Destruction Pupils will learn about the various creation stories from Hindu, Christian and Shamanist (or other tribal faith world views) and compare these with the scientific knowledge of the Big Bang. In particular, pupils will discover how Krishna appears in different forms as Vishnu, Shiva and Brahma and that each has a particular function within the Vedic cosmology. This is an interesting unit inspiring deep questioning and an opportunity to explore faith and fact, as well as consider questions about the meaning of life. Pupils will also explore real life and contemporary examples of birth and death, creation and destruction (environmental issues, Tsunamis, natural and manmade disasters) and create a project that shows synthesis from research, knowledge acquisition and creative presentations.	
SANSKRIT Reading and writing: Genders In nouns: Masculine, Feminine and Neuter Topic: Animals Bhagwat Gita:10.33 PERFORMING ARTS Music Both Year 5 classes will be taught to sing and play musically with increasing confidence and control in partnership with the Harrow Music Service. Ukulele Skill Development/Recorders Ukulele skills – Pluck simple melodies read from stave. Chords (minimum) C, C7, F, G7 Recorders - Recorder skills- minimum notes BAG CD ED TRIPS & OTHER EVENTS Thursday 19 th September 3.45pm - Virtual parent curriculum meeting	HEALTH & WELLBEING Physical Education: Dodgeball This unit of work will consolidate pupils' ability to apply the principles of attack vs defence in games. Pupils will practise their throwing, catching and dodging skills as they create simple tactics for attacking and defending. Meditation Meditation is practised in the morning and halfway through the day to reflect on learning. Yoga In yoga, children will revisit asana taught last year and move toward practising some more challenging asana this year. These will include Halasana (plough), Ardhamatsya-endra asana (half spinal twist and Chakrasana (bridge) Along with this, they will practise sun salutations (Surya Namaskar) and Pranayama Nadi Shudhi and Ujjayi breath. As well as building on their asana/postures. From this year we will have more emphasis on pranayama and meditation. Children will work on stillness and to be able to learn how 'switch off'. Follow visualisation meditation. Stillness. 5JJ – PE Kits should be worn to school on Monday for Yoga and Thursday for PE. 5SS - PE Kits should be worn to school on Tuesday for Yoga and Wednesday for PE.	

30 th September to 4 th October - Trip to Isle of Wight (Little Canada)	
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Thank you.

Ms Sassoon and Ms Patel.