

Long term Plan for the Year 2019 – 2020 (Cycle 1) and 2020- 2021(Cycle 2)

NUMERACY

Over the year we will be following the programme of study set out in the National Curriculum to enable our pupils to become fluent in the fundamentals of mathematics, to be able to reason mathematically by following a line of enquiry and to solve problems by applying their mathematics to a variety of routine and non-routine problems. The areas covered over the key stage will include:

- number and place value
- multiplication and division,
- measurement (including time, length, capacity, money and temperature)
- statistics.
- addition and subtraction
- fractions
- geometry - properties of shape and position and direction

LITERACY

Over the year we will be following the programme of study set out in the National Curriculum. We will plan work that will enable each child to:

- develop reading skills, and a love of reading,
 - extend and acquire new vocabulary and develop an understanding of grammar,
 - appreciate our rich and varied literary heritage,
 - write clearly, accurately and coherently, adapting their language and style in and for a range of contexts, purposes and audiences
- We will teach a structured programme of:
- Phonics - for reading and writing. Children are taught a structured and progressive programme of phonics.
 - Reading - word level and comprehension. Children will study books through whole class reading sessions. One to One reading is also provided for children who need some extra support. Teachers provide regular suggestions for how parents can help to develop their child's reading skills and comprehension.
 - Writing - transcription (handwriting and spelling) and composition of writing for a range of purposes including narratives, recounts and poems. Alongside grammar and punctuation, children are taught to use the correct literary terminology when discussing their writing.

Science

Throughout our topics we will teach the children how to work scientifically. They will read and spell scientific vocabulary.

- asking simple questions and recognising that they can be answered in different ways
- observing closely , using simple equipment
- using their observations and ideas to suggest answers to questions
- identifying and classifying
- performing simple tests
- gathering and recording data to help in answering questions

RE

We follow the Nottinghamshire agreed Syllabus for RE. We also use annual celebrations within our community as a starting point for developing understanding of different cultures and historical events. Throughout the year we therefore find out about various religious events including Christian festivals of Harvest, Christmas and Easter, alongside the Hindu Festival of Light and the Chinese New year.

PE

Our PE scheme encourages children to develop competence in a range of PE skills, to be active for sustained periods, to be competitive and to lead healthy, active lives.

During Key Stage 1 we aim for the children to be able to

- master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities
- participate in team games, developing simple tactics for attacking and defending
- perform dances using simple movement patterns

ICT

Throughout the year we will integrate our ICT curriculum in to our English, maths and topic work. We will use technology to create, organise, store, manipulate and retrieve digital content such as word documents, photographs and art through paint programmes. We will understand what algorithms are: how they are implemented as programs on digital devices and that the programs execute by following precise and unambiguous instructions. We will create and debug simple programs and use logical reasoning to predict the behaviour of simple programs. We will show the children how technology is used beyond school and teach the importance of being safe and showing respect when using the internet.

TOPIC BOOKS Each child keeps a record of their year in school within in their topic books. The topic books are used to record our science and humanities work alongside being a record of special events, such as religious celebrations, school trips, visitors into school and personal achievements. They also record the seasonal changes that happen throughout the year, and record observations of changes in our local environment.

| Cycle 1 - Autumn term 2019 - Space and Monsters | | | |
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| <p><u>English</u> In the first half term we will be reading a range of fiction and non-fiction books about space. We will look at naming the planets, looking at our own world and its geographical features.</p> <p>In the second half term we will study 'monsters' using fictional books. We will use our text to explore local animals and where/how they live.</p> | <p><u>Science</u> <u>Woodland animals</u> We will be finding out about different types of animals (including mammals, amphibians, birds, fish and reptiles) from around our local area and how they are suited to their habitats</p> | <p><u>Geography</u> We will name and locate the seven continents and five oceans using maps, globes, atlases We will be looking at the four countries that make up the United Kingdom and the surrounding seas.</p> | <p><u>History s</u> We will learn about the significant event of moon landing and Neil Armstrong. We will be finding out about the importance of remembering for Remembrance day. We will be developing an awareness about our own past and how we have changed. We will also be exploring the origins of Bonfire Night.</p> |
| | <p><u>Art 1st half term</u> We will be looking at the work of Van Gogh – and using different media such as pastels, thick paint and collage to recreate some of his textured work</p> <p><u>2nd ½ term</u> Using the work of Andy Goldsworthy we will explore autumn colours and woodland art. Through clay and other malleable materials we will be sculpting small animals</p> | <p><u>Music</u> Listening to classical and popular music on the theme of space. Theme - <u>Taking Off</u>- Exploring Pitch Harvest Festival celebration Christmas</p> | <p><u>DT</u> Using a design, make, evaluate cycle we will: Design and make purposeful, functional and appealing machines based on simple a design criterion. We will talk about and draw our ideas. We will evaluate our work to improve.</p> |

| Cycle 1 – Spring Term 2020 - Animals and their environment – Penguins and The Rain Forest | | | |
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| <p><u>English</u> In the first half term we will be reading a range of fiction and non-fiction books about penguins. We will look at what penguins need to survive, where they live and compare it to where we live.</p> <p>In the second half term we will look at rainforests and use a fictional book to start this exploration.</p> | <p><u>Science –</u> <u>Penguins</u> To identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants and how they depend on each other.</p> | <p><u>Geography</u> We will locate hot and cold areas of the world in relation to the Equator and the North and South Poles. We will be comparing our local environment with a non-European environment and identifying the geographical similarities and differences. We will use basic geographical vocabulary to refer to the key human and physical features of a landscape.</p> | |
| | <p><u>Art</u> We will learn to draw a range of animals from the different habitats and use their coat markings to make patterns. We will use the contrast between hot and cold colours to paint and print our own designs. We will also look at collage and recycling to create patterns and textures.</p> | <p><u>Music</u> Listening to classical and popular music on the theme of space. Theme - <u>Taking Off</u>- Exploring Pitch Harvest Festival celebration</p> | |

| Cycle 1 – Summer Term 2020 - Medicine | | | |
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| <p><u>English</u> During this term we are using fiction and non-fiction texts to explore the body. We will study Florence Nightingale and how her work influenced changes as we see in hospitals today. We will also use a fictional book to explore medicines and how to keep safe.</p> | <p><u>Science</u> <u>Our Bodies</u> We will learn about the basic needs of animals for survival and describe the importance for humans of exercise, eating the right amounts of different types of food and hygiene. We will able to name, label and know the function of different body parts and understand how the senses work. We will be thinking about the changes that occur in animals from babies through to adulthood.</p> | <p><u>History</u> We will be finding out about the importance and the significance of the lives of Florence Nightingale and Mary Seacole. We will be comparing hospitals of today, to hospitals of the past.</p> | <p><u>Geography</u> We will locate the significant places in these stories on maps.</p> |
| | <p><u>Art</u> We will be looking at portraits of famous people from the past and using these to sketch and paint or own portraits using sepia colours and charcoal.</p> | <p><u>Music</u> Theme – <u>Rain Rain Go Away</u> – Exploring timbre, tempo and dynamics.</p> | <p><u>DT</u> Using a design, make, evaluate cycle we will: Learn how to prepare and cook healthy food.</p> |

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| First 2 weeks – PSHE focus – rules, learning partners, aims, families, holidays – | | | |
| Cycle 2 - Autumn term 2018 - Super Heroes | | | |
| <u>Literacy Genre</u> We will be reading a range of adventure stories as well as using non-fiction books to find out information about our favourite super hero. | <u>Science</u> <u>Materials</u> We will describe the physical properties of a variety of everyday materials and be able to distinguish between and object and the material from what it is made. We will then compare and group these materials. We will find out about how the shapes of solid objects made from some materials can be changed by squishing, bending, twisting and stretching. We will be completing small deeds to help our planet. | <u>History</u> We will be finding out about the importance of Remembrance day in our local community. We will be finding out about local heroes and how about changes in living memory. | |
| | <u>Art</u> We will use POP ART to develop the techniques of printing and collage. We will be thinking about lines, colour, pattern and shapes. | <u>Music</u> Theme – <u>Sounds Interesting</u> – Exploring Sounds Harvest Festival celebrations Christmas celebrations | <u>DT</u> Using a design, make, evaluate cycle we will: Design and make mechanisms including leavers/sliders, axles and wheels to make super hero vehicles. |
| Cycle 2 - Spring term 2019 - Traditional Tales | | | |
| <u>Literacy Genre</u> We will be reading a range of traditional stories and poems from the United Kingdom and from non-European countries. We will be learning about the characters, settings and typical events of a traditional story and using this to make up our own stories. | <u>Science</u> We will identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock. We will identify, name and explore the qualities and uses of different types of materials and use them to build structures, such as castles and moats. | <u>Geography</u> We will be making our own maps which include a simple key. We will use simple compass directions along with directional and positional language to follow and design routes and describe the location of features. We will use basic geographical vocabulary to refer to the key human and physical features of a landscape | |
| | <u>Art</u> We will be looking at the artist Paul Klee and his Castles and Sun work as a starting point for our own art work using shapes. | <u>Music</u> Theme <u>The Long and Short of It</u> – Exploring duration. Easter celebrations | <u>DT</u> Using a design, make, evaluate cycle we will; Build structures, exploring how they can be made stronger, stiffer and more stable. |
| Cycle 2 - Summer term 2019 – What is living in our local environment? Y2 Testing; Y2 Residential; Y2 Transition | | | |
| <u>Literacy Genre</u> We will be reading and learning animal and mini-beast poems. We will also be using information books to learn facts about animals and write our own fact books. Animation and longer chapter books will be used to inspire creative writing. | <u>Science</u> We will be identifying a variety of common animals including fish, amphibians, reptiles, birds and mammals. We will identify and name a variety of animals that are carnivores, herbivores and omnivores. We will describe and compare the structure of a variety of animals. We will be identifying and naming wild and garden plants, including deciduous and evergreen trees. We will understand the basic structure of flowering plants, including trees. We will be growing and maintaining healthy plants, observing and describing how seeds and bulbs grow into mature plants. We will find out how plants need water, light and a suitable temperature to grow and stay healthy. | <u>Geography</u> We will use simple fieldwork and observational skills to study the geography of our school grounds. We will use aerial photographs to recognise basic human and physical geographical features. We will talk about our likes and dislikes about the local environment and think of ways to improve it. We will use basic geographical vocabulary to refer to the key human and physical features of a landscape | |
| | <u>Art</u> We will be studying the work of landscape artists and those who sketch small animal, insects and flowers. We will be sketching our local environment and then using this to produce work in other medias. | <u>Music</u> Theme – <u>Feel the Pulse</u> – Exploring pulse and rhythm. Sing Up Day. | <u>DT</u> Using a design, make, evaluate cycle we will; Learn how to prepare and cook healthy food that is grown. |

