

Year 3 – Learning Overview Spring Term

Topic: Around the World in 80 days

ENGLISH	MATHS
Use further prefixes and suffixes and understand how to add them - - see English appendix 1 Spell further homophones Spell words that are often misspelt - see English appendix 1 Place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's] Use the first 2 or 3 letters of a word to check its spelling in a dictionary Use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined Plan their writing by: discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar discussing and recording ideas Draft and write by: composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures English appendix 2 organising paragraphs around a theme in narratives, creating settings, characters and plot in non-narrative material, using simple organisational devices [for example, headings and sub-headings] Evaluate and edit by: assessing the effectiveness of their own writing and suggesting improvements proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences proofread for spelling and punctuation errors	LENGTH Read and write length and height in metres and centimetres. Read and write length and height in centimetres. Read and write length in centimetres and millimetres. Read and write length in millimetres. Solve word problems involving addition, subtraction and multiplication of lengths. MASS Read weighing scales to determine mass in grams or kilograms. Read weighing scales to determine mass in grams. Read weighing scales to determine mass in kilograms. Read weighing scales to determine mass in kilograms. Solve word problems involving addition, subtraction and multiplication of mass. VOLUME Measure volume in millilitres. Measure capacity in millilitres. Measure volume in millilitres and litres. Measure capacity in millilitres and litres. Add and subtract volume. Read and write volume in litres and millilitres. Solve word problems involving addition and subtraction of volume. Solve word problems involving multiplication and division of volume. MONEY Find a total amount of money by counting on. Show amounts of money using different combinations of coins. Add pounds and pence without renaming. Add pounds and pence with renaming. Subtract pounds and pence without renaming. Compare amounts of money and find the difference by subtracting.

develop their understanding of the concepts set out in English appendix 2 by: extending the range of sentences with more than one clause by using a wider range of conjunctions, including: when, if, because, although choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition using conjunctions, adverbs and prepositions to express time and cause using fronted adverbials indicate grammatical and other features by: using commas after fronted adverbials indicating possession by using the possessive apostrophe with plural nouns use and understand the grammatical terminology in English appendix 2 accurately and appropriately when discussing their writing and reading	Find the amount of change left from a given amount of money after a purchase. Solve word problems involving addition and subtraction of money. Solve multi-step word problems involving addition and subtraction of money.
<u>SCIENCE</u> Physics – Forces and magnets compare how things move on different surfaces. notice that some forces need contact between 2 objects, but magnetic forces can act at a distance. observe how magnets attract or repel each other and attract some materials and not others. compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials describe magnets as having 2 poles. predict whether 2 magnets will attract or repel each other, depending on which poles are facing. asking relevant questions and using different types of scientific enquiries to answer them. setting up simple practical enquiries, comparative and fair tests. gathering, recording, classifying and presenting data in a variety of ways to help in answering questions. recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions. identifying differences, similarities or changes related to simple scientific ideas and processes. using straightforward scientific evidence to answer questions or to support their findings.	<u>DESIGN AND TECHNOLOGY</u> Design – to make a pop up/moveable book use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. generate, develop, model and communicate their ideas through discussion, annotated sketches. Make select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately select from and use a wider range of materials and components, including construction materials and textiles, according to their functional properties and aesthetic qualities Evaluate investigate and analyse a range of existing products evaluate their ideas and products against their own design criteria Technical knowledge understand and use mechanical systems in their products [for example, pulleys and levers]

COMPUTING

Creativity & Media

Create a Stop-Motion animation video using various types of media including sound and text. Understand that animation is a sequence of drawings or photographs. Gain skills in framing shots and holding the camera steady.



Computer Networks

Plan, design and deliver an interesting and engaging presentation. Search for and evaluate online images. Screen record a narrated presentation. Develop an understanding of how the internet, the web and search engines work.

Online Safety

Know what to do when we feel uncomfortable or upset by familiar or unfamiliar people. We use respectful words when we chat to people (online and offline)



PSHE

Dreams and Goals

I understand how exercise affects my body and know why my heart and lungs are such important organs

I know that the amount of calories, fat and sugar I put into my body will affect my health

I can tell you my knowledge and attitude towards drugs

I can identify things, people and places that I need to keep safe from, and can tell you some strategies for keeping myself safe including who to go to for help

I can identify when something feels safe or unsafe
I understand how complex my body is and how important it is to take care of it

Healthy Me

I can tell you about a person who has faced difficult challenges and achieved success

I can identify a dream/ ambition that is important to me

I enjoy facing new learning challenges

GEOGRAPHY

Locational knowledge

locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics and countries,

identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle.

Place knowledge

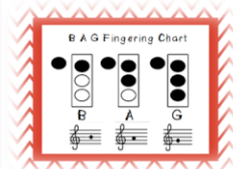
describe and understand key aspects of: physical geography, including: volcanoes and earthquakes.

Geographical skills and fieldwork

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

MUSIC

(Descant Recorder)



Introducing & learning about the 'Descant Recorder' & how all recorders work.

Practicing & embedding good technique / posture for playing the 'Descant Recorder'.

Using 'The Charanga' online Wider Opportunities Instrumental scheme (available to every pupil for use at home), learn to play the 'Descant Recorder' reading on-screen musical notation.

Revisit & extend previous learning on musical notation / rests using (Crotchets, Quavers, Minims, Semi-Breves).

Develop the motor skills required to play the notes B, A & G with control & confidence.

Introducing & building an understanding of: Music Stave / Treble Clef / Simple Time Signatures (2/4, 3/4, 4/4) / Bar lines / Double Bar Lines / Repeat Signs.

and working out the best ways for me to achieve them I am motivated and enthusiastic about achieving our new challenge I can recognise obstacles which might hinder my achievement and can take steps to overcome them I can evaluate my own learning process and identify how it can be better next time	Introducing & building an understanding of simple dynamic symbols: p (piano - quiet) / mp (mezzo piano - moderately quiet) / mf (mezzo forte - moderately loud) / f (forte - loud) Learn how to write pitched musical notation (B, A & G) using musical manuscript paper. As a class, learn & understand how to read, practice & perform various songs / pieces of music of differing genres on the 'Descant Recorder' confidently to backing tracks Incorporate songs and musical activities to the wider year 3 curriculum where possible. Continue to build individual self-confidence and self-esteem through musical performance.
<u>FOREIGN LANGUAGES</u> Animals I like and don't like Learn the nouns for animals Learn the two ways to say 'a' in French Learn how to express opinions about animals and say their favourite animal Learn the plurals of animals Follow a story about animals Write sentences about animals using a model Carnival and using numbers  Cultural insight into Carnival in France Opportunity to design a carnival mask Revisiting numbers and playing number-themed games Introduce the age question and answer Revisit personal information Ask and answer a range of questions Revisit days and months to say and write the date Finish with an Easter-themed lesson	<u>PHYSICAL EDUCATION</u> Count beats and change direction when dancing Keep count and tempo when dancing Introduce and explore African dance patterns Learn new dance steps and develop them Learn how to cooperatively work with others Learn how to tell a story through dance Dance to the beat and keep time Learn and strengthen the handshake grip with a racket Explore various ways and techniques to hit the ball Enhance control and with the ball and racket Introduce correct technique to hit a backhand stroke Develop an understanding of the rules and game play
<u>RELIGIOUS EDUCATION</u> Enquiry: What is philosophy? How do people make moral decisions? • Talk about the difference between knowing and believing. • Decide if a reason or argument based on a religion or belief makes sense to them and is expressed clearly, analyse arguments and how they work. • Recognise that it is difficult to define 'right', 'wrong', 'good' and 'bad'.	