



# YEAR 5 CURRICULUM OVERVIEW 2019/20

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
English	This term the pupils will be learning to identify the features of biographical and autobiographical writing (using both books and online sources). We will use our set text to study dialogue, noun phrases and complex sentences.	Writing a recount, investigating documents and carrying out research. Learning to use: adverbials of time, space and number; commas to clarify and to indicate parentheses; expanded noun phrases. In Poetry, we will learn to make the ordinary, extraordinary. We will write our own poetry taking inspiration from classic poems we have read.	Classic poetry; narrative poetry and creating images in poetry. Traditional stories, myths, fables and legends; myths and legends of Cornwall and non-fiction – explanatory texts	Classic poetry; narrative poetry and creating images in poetry.	Story openings; writing – point of view and writing – tenses	Persuasive writing; advertising and review writing.
Maths	Being able to place 5 & 6 digit numbers onto a number line and round to the nearest whole number. Column addition of 4 and 5 digit numbers including decimals. Column subtraction and alternative strategies. Dividing by 10 and 100 to 2 decimal places. Mixed numbers and fractions of amounts. Adding and subtracting fractions. Metric and imperial units of measurement, Perimeters and area of regular and irregular shapes.		Column subtraction and word problems, mental addition and subtraction strategies. Rounding decimal numbers, column addition and subtraction with numbers to 2 decimal places. Unit and unit fraction problems and multiplying fraction and their decimal equivalences. Short multiplication and division up to 4-digit numbers. Properties of quadrilaterals, reflect shapes on co-ordinate grids and drawing angles.		Counting through zero, place value in 6-digit numbers and with numbers to 3 decimal places. Begin to understand percentages. Add and subtract fractions and multiply fractions by whole numbers. Problems with multiples, factors and scaling. Grid, Short and Long multiplication. 24-hour timetables and calculating time intervals. Drawing line and conversion graphs.	
Science	Choosing Materials. Mixtures.		Life Cycles. Plant Reproduction.		Forces. The Solar System.	
Humanities	Why should we remember Maya? What is life like in the Amazon? (to include Fairtrade delivered in Spring Term)		Would the Vikings do anything for money? Who was Moses and why is he important? Easter		How will your world look in the future? What are the Five Pillars of Islam?	
MFL (French)	Name, age and birthday. Greetings. Alphabet and numbers to 31.		Numbers to 60. Likes, dislikes for sports, hobbies, food and music.		Body parts. Famous Paris sites. Going to the beach. Numbers to 100.	
Art	Developing use of sketchbooks. Creative use of stencils for cover design. Ceramic flowers (link with DT) – observational drawing in a range of media, approaches and scales. Clay slabs and modelling/painting. Link with John Muir. Ceramic figure sculptures – coils, modelling and carving. (link with Humanities). Research and design, drawing from imagination using research.		Finish clay figures and painting all ceramics with underglaze colours. Print: screenprint and use of IT. Artist workshop: TBC. Collaborative work.		Introducing perspective. Working outside. Drawing and painting. Landscape and architecture. (Link with John Muir.)	
DT	Use of a variety of materials and components to produce a range of decorative and functional products. They will gain confidence in following a task list, reading simple engineering drawings, measuring accurately and cutting materials accurately. More emphasis will be placed on the finish of a product. Project 1: Apple Bird Feeder, Project 2: Enamelling Copper, Project 3: CAD and 3D printing, Project 4: Cylindrical Pots.		The children will incorporate mechanical and electronic components into a project and control these in different ways. Project 5: Night Lights (Electronics), Project 6: Vac Formed Car or Penny Whistle.		Develop an awareness and understanding of industrial processes including fabrication and moulding methods. Children will begin to investigate how well products have been designed and made, whether they are fit for purpose and meet user needs; why materials have been chosen, the methods of construction used, how well they work and how innovative and sustainable they are. Project 7: Copper Flower, Project 8: Wood and Hardware Robot.	
Music	The Pentatonic Scale and comparisons with a major scale. Listening to and performing short pieces composed in pentatonic scales.  Discovering syncopated rhythms and continuation of Kodaly pitch and rhythm work.  Cornish Music Cornish Diaspora  To have an understanding of function of a chord in music and explore the three Primary Chords, I IV and V  Patterns in Music Singing Skills Rhythm Syllables		Exploring repetition  'Looping tunes' and rhythms to create a new form of music.  Re-visiting the Round as a musical structure and creating a short Round.  Exploring World Voices  Investigating Gamelan Music and looking at how this world music is constructed using repeating patterns.  Medieval Music Singing Skills Rhythm Syllables		To create a 10-mins opera, 'Snappy Opera' that the class create, compose and design themselves based upon a Cornish, The Mermaid of Zennor. They perform their 'Snappy Opera' in assembly or low-key event as an 'Informance', or in Summer Concert.  Festivals and Ceremonies Singing Skills  Rhythm Syllables	
Drama	Activities to develop teamwork and confidence working towards a performance.		Vocal delivery, mime and stagecraft.		Improvisation, activities designed to develop confidence and movement.	
Computing	Using variables and sensing to create a timer in Scratch. Programming and debugging an interactive game using Scratch.		Understanding the need for encryption, encrypting and decrypting codes. Looking at the links between geometry and art using a vector graphics package.		Using html tags to create a website Learning about cyber safety, research skills, search engines and ranking.	
PE	Swimming Gymnastics		Orienteering Swimming Racquet sports		Athletics. Swimming	
Games	Rugby, football (Boys); Hockey (Girls)		Rugby, hockey (Boys); Netball (Girls)		Cricket and rounders	
PSHE	Health and Wellbeing:  How to maintain physical, mental and emotional health and wellbeing and how to manage risks to these  What is meant by a healthy lifestyle  How to make informed choices about health and wellbeing and to recognise sources to help with this  Ways of keeping physically and emotionally safe  How to respond in an emergency.		Relationships:  How to develop and maintain a variety of healthy relationships, within a range of social and cultural contexts  How to recognise and manage emotions in a range of relationships  How to recognise risky or negative relationships including all forms of bullying and abuse.  How to respond to risky or negative relationships and ask for help.  How to respect equality and diversity in relationships.		Living in the wider world:  Respect for self and others and the importance of responsible behaviours and actions  Different groups and communities  Rights and responsibilities as members of families, other groups and ultimately citizens  To respect equality and to be a productive member of a diverse community  The importance of respecting and protecting the environment  Where money comes from, keeping it safe and the importance of managing it effectively.  A basic understanding of enterprise.	