

ORCHARD VALE COMMUNITY SCHOOL LONG TERM PLAN FOR YEAR 3 AND 4

Term / Topic	Autumn A Vikings	Spring A Romans	Summer A Once upon a time	Autumn B The Stone Age	Spring B Ancient China	Summer B Robots
History	To understand Vikings as a coherent, chronological narrative looking at how people's lives have shaped this nation and how Britain has been influenced by the wider world	To understand Romans as a coherent, chronological narrative looking at how people's lives have shaped this nation and how Britain has been influenced by the wider world To understand the methods of historical enquiry including how evidence is used rigorously to make historical claims and discern how and why contrasting arguments and interpretations of the past have been constructed	To understand historical concepts such as continuity and change, cause and consequence, similarity, difference and significance and use them to make connections, draw contrasts, analyse trends, frame historically valid questions and create their own structured accounts including written narratives and analyses	To know and understand the history of these islands as a coherent, chronological narrative from the earliest times to the present day	To know and understand significant aspects of the history of the wider world: the nature of ancient civilisations; the expansion and dissolution of empires; characteristic features of past non-European societies; achievements and foibles of mankind	To understand the connections between local, regional, national and international history; between cultural, economic, military, political, religious and social history
Geography	Human geography - a local study Types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water To locate the world's countries using maps to focus on Europe and North and South America	To understand key aspects of physical geography including mountains, volcanoes and the water cycle.	Geography – locating English cities – knowing counties, population, classification Use maps, atlases, globes. To name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics	To identify key topographical features including hills, mountains, coasts and rivers and land use patterns and understand how some of these aspects have changed over time.	To identify the position and significance of latitude, longitude, equator, northern hemisphere, southern hemisphere, the tropics of Cancer and Capricorn, Arctic and Antarctic circles, the Prime/Greenwich meridian and time zones.	To understand key aspects of physical geography including tsunamis and earthquakes.
Science	To identify how sounds are made, recognise that vibrations travel through a medium to the ear, find patterns between pitch and the object, find patterns between volume and strength of vibrations, recognise sound gets fainter as distance increases. Focused study on famous scientist- Alexander Graham Bell	To compare and group materials – solids, liquid or gas. Observe materials changing state when heated or cooled and understand evaporation and condensation in the water cycle. Focused study on famous scientist	To explore requirements of plants for life and growth. Identify the different functions of flowering plants, investigate water transportation and talk about the life cycle of a flower. To recognise that living things can be grouped in a variety of ways, use classification to group, identify and name living things, recognise that environments can change and can pose dangers to living things	To compare and group different rocks, how fossils are formed and recognise soil is made from rocks and organic matter. To describe simple functions of the digestive system, identify type and function of human teeth. Construct and interpret food chains	To recognise we need light to see and dark is the absence of light, light is reflected, light from the sun can be dangerous and how shadows can be formed. Identify that animals including humans need the right types and amount of nutrition, that humans cannot make their own food and get nutrition from what they eat and that skeletons and muscles are for support, protection and movement.	To identify common electrical appliances, construct a simple circuit, understand a switch and conductors and insulators. (Year 4) To predict and observe how/if magnets will attract or repel, understand about poles, magnetic materials and know that magnets can act at a distance.
Art	To create sketch books to record their observations and use them to review and revisit ideas To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (dragon eyes – sketch and shade)	To create sketch books to record their observations and use them to review and revisit ideas To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials	Use sketch books to record observations. Improve mastery of art including drawing and painting with a wide range of materials Create landscapes/ settings for descriptive writing using a range of materials. (watercolours)	To create sketch books to record their observations and use them to review and revisit ideas To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (cave paintings)	To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials To create sketch books to record their observations and use them to review and revisit ideas (sculpture – terracotta warrior)	To be taught about great artists, architects and designers in history, Hokusai's Great Wave – pastel, Eric Joyner – pastels
DT	To understand and use mechanical systems in their products- cams	To understand and use mechanical systems in their products- pulleys	To understand and use mechanical systems in their products- levers and linkages	Apply understanding of how to strengthen, stiffen and reinforce more complex structures	To understand and apply the principles of a healthy and varied diet To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.	To understand and use electrical systems in their products To apply their understanding of computing to program, monitor and control their products
Computing	Internet safety – use technology safely, respectfully and responsibly, recognise acceptable and unacceptable behaviour, identify a range of ways to identify a concern	Programming – design, write and debug programmes, use sequence selection and repetition in programmes, work with variables, input and output, use logical reasoning to explain how simple algorithms work and correct errors	Presenting – select, use and combine different software to accomplish given goals (collecting, analysing, evaluating and presenting data) – powerpoint	Computer networks – understand computer networks including the internet	Word processing - select, use and combine different software to accomplish given goals (collecting, analysing, evaluating and presenting data)	Animation - select, use and combine different software to accomplish given goals (collecting, analysing, evaluating and presenting data)
RE	Devon SACRE	Devon SACRE	Devon SACRE	Devon SACRE	Devon SACRE	Devon SACRE
PSHE	One decision – computer safety – making friends online One decision – Keeping staying healthy – medicine	One decision – relationships – touch One decision – being responsible – stealing	One decision – being responsible – coming home on time One decision – feelings and emotions - grief	One decision – computer safety – online bullying One decision – feelings and emotions - jealousy	One decision – Keeping staying healthy – healthy living One decision – our world – looking after our world	One decision – keeping staying safe – cycle safety One decision – growing and changing – appropriate touch

MfL	Fortnightly sessions taught by a language specialist from Pilton community college – Spanish	Fortnightly sessions taught by a language specialist from Pilton community college - Spanish	Fortnightly sessions taught by a language specialist from Pilton community college – Spanish	Fortnightly sessions taught by a language specialist from Pilton community college – Spanish	Fortnightly sessions taught by a language specialist from Pilton community college – Spanish	Fortnightly sessions taught by a language specialist from Pilton community college - Spanish
Music	Charanga – Let your spirit fly!	Charanga – three little birds	Charanga – bringing us together	Charanga – Mamma Mia, glockenspiels stage 1?	Charanga- stop!	Charanga – blackbird
Outdoor learning						
Enrichment	Viking man	Roman bath	Watermouth Castle	Heatree	Chinese new year celebration day	We the curious