



	Year 5	Year 6
Autumn	Local History: A study of how Launceston was connected to the rest of	Local History – Cornwall at War: Study of aspect/ themes of British History-
Community and	the United Kingdom through the railway network. The history of the	WW2
Inheritance	railway in Launceston and Cornwall. The Beeching report Launceston's	When and why did WW2 start? Which countries were involved? Who were
	subsequent removal from the network. How is the land used now?	the main leaders? What was the Blitz and how did this enable the Battle of Britain to become a significant turning point? How did people
	Geography: Look at all the counties of England, the county capitals,	protect themselves during the war- including evacuation? How was
	what major land use each had and what they produced and shipped by	Cornwall affected by the war? What role did it play? - locations across
	rail to other parts of the country.	Cornwall (TRIP to Cornwall at war museum – Davidstow)
	Name and locate counties and cities of the United Kingdom,	
	geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some	Geography fieldwork: Study of rivers, Boscastle and flood. Study, locate and name world and local rivers, including identifying human use and impact upon them.
	of these aspects have changed over time.	Features of a river – source to mouth (build on previous learning of the
	Biology: Living things and their habitats. Describe the differences in the life cycles of a mammal, an amphibian; an insect and a bird.	water cycle) Use fieldwork (Trips to Boscastle and town) to observe, measure and record the human and physical features of the river and surrounding local area using a range of methods, including sketch maps, plans and graphs and digital technologies.
	describe the life process of reproduction in some plants and animals. (Rosemoor Visit for life cycle of plants).	Biology: Living things and their habitats Learn how to classify living things by different criteria, how animals adapt
	Physics: Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object identify the effects of air resistance, water resistance and friction, that act	to their environment and their diet. We will further develop our learning through the use of classification keys, based on the work of the scientist Carl Linneus. We will also learn how to plan and evaluate Scientific investigations when learning about good and bad micro-organisms.
	between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	Biology: Evolution and inheritance. We will learn how certain characteristics are inherited and others are learnt.
	DT: Construction/mechanisms.	

	To know how mechanical system such as cams, pulleys or gears create movement. To know how to reinforce and strengthen a 3D framework. Generate a range of ideas after collating relevant information Produce a detailed plan with step-by-step instructions, cross sectional diagrams and prototypes. Suggest alternative plans, considering the positive aspects and drawbacks of each. Use a range of tools and equipment expertly. Use sheet materials and construction tools with appropriate supervision. Consider the aesthetic qualities and functionality of my work when making. Evaluate the appearance and function of a product against the original criteria, saying whether it is fit for purpose. Suggest improvements that could be made, considering materials and methods that have been used. Art: Drawing. Learn to: Use a pencil to create line, tone, texture and pattern, Create a collage of pencil drawings, Use chalk on black and charcoal on white paper to create observational drawings, Use water soluble fine liners to make observational drawings & wash techniques, Design a label appropriate for an item – clear and eye-catching, Create a still life in the style of a well-known artist,	DT Cooking: Bread-making, hob savoury dipping options. Bread played an important role as a staple food during the war — Use a range of information to inform design (e.g. origins, market research using surveys, interviews, questionnaires or web-based resources). Produce a detailed plan, with cross-sectional diagrams. Use a range of tools and equipment precisely. Consider the aesthetic qualities and functionality of product as making it, refining details as necessary. Evaluate the appearance and test the function of a product (own and pre-existing) against the original criteria, saying whether it is fit for purpose. Suggest improvements that could be made, considering materials, methods, sustainability of the product. Know that a recipe can be adapted by adding or substituting one or more ingredients and how food is processed into ingredients that can be eaten or used in cooking. Recognise that recipes can be adapted to change the appearance, taste, texture and aroma. Cut, mix, mould and use hobs safely to heat food. Art: Drawing: Learn to: Observe & record human bodies through a range of experiences: -Line, shape, form and texture of a hand - Complete a half portrait using charcoal and chalk creating texture - Quick-figure drawings from observation in fine and bold media -Produce a distorted portrait in the style of a well-known artist
Innovation and Sources	 Ancient Greece- Myths and Legends – a study of Greek life and achievements and their influence on the western world. What is the legacy of the Ancient Greek civilisation? Study the lives of significant individuals who contributed to national and international achievements. Sequence with independence the key events, objects, themes, societies and people covered using dates, period labels and terms. Study a region of the Americas: West Indies. Locate the world's countries. 	A non-European Society that provides contrast with British History – The Mayan Civilisation When was the Mayan Civilisation established? How did their way of life, culture and traditions compare to Britain at that time- c AD900? How did they communicate and trade between tribes. What factors influenced the way they lived? Exploration and trade links. Sequencing the Past- Sequence with independence the key events, objects, themes, societies and people using dates, period labels and terms. Make comparisons between different times in the past. Change and Development - then/now (link human geog)

Identify the position and significance of lines of longitude & latitude.	Ask and answer historically valid questions about change, similarity and
equator, hemisphere, biomes, vegetation, land use. Understand	difference between Mayan and British society at that time noting
geographical similarities and differences through the study of human	connections, contrasts and trends over time.
and physical geography of a region within North America.	
Describe and understand key aspects of:	Study a region of the Americas – 'Mesoamerica' (Mexico, Guatemala, El
physical geography, including: climate zones, biomes and vegetation	Salvador, western Honduras and Belize. Understand geographical
belts.	similarities and differences through the study of human and physical
human geography, including: types of settlement and land use,	geography of a region of the United Kingdom and a region within the
economic activity including trade links, and the distribution of natural	Americas Describe and understand key aspects of human geography
resources including energy, rood, minerals and water.	including: types of settlement and land use economic activity including
	trade links, and the distribution of natural resources, feed, minorals and
Physics: Farth and Space	trade links, and the distribution of hatdraf resources, rood, initierals and
Describe the movement of the Earth, and other planets, relative to the	water. Study the physical geography and land use of the region in
Sun in the solar system. Describe the movement of the Moon relative	comparison to the UK including key topographical features (e.g hills,
to the Earth. Describe the Sun, Earth and Moon as approximately	mountains, coasts and rivers), land-use patterns and understand how some
spherical bodies. Use the idea of the Earth's rotation to explain day	of these aspects have changed over time. Use maps, atlases, globes and
and night and the apparent movement of the sun across the sky.	digital/computer mapping to locate countries, find out data. Locate major
	cities of the region and make economic comparisons based on human
Biology: Animals including humans.	features.
Describe the changes as humans develop to old age.	
Food took polony . Cooking covery disk of from longing	Physics: Electricity – investigating circuits
Healthy diat - Compare the Estwell plates for lamaica and the United	Learn about now to associate the brightness of a lamp or the volume of a
Kingdom (Link to Geography biomes vegetation climate and land	and give reasons for variations in how components function, including the
	brightness of hulbs, the loudness of huzzers and the on/off position of
Cut, mix, mould and use ovens to heat food (with appropriate	switches Use recognised symbols when representing a simple circuit in a
supervision) and know how to use an oven safely.	diagram.
• To know that seasons may affect the food available.	Physics: Light/ Science week.
• To know that different food and drink contain different substances –	A study of Light and Shadows and the Eve. Learn that light appears
nutrients, water and fibre – that are needed for health.	to travel in straight lines. Use the idea that light travels in straight lines to
	explain that objects are seen because they give out or reflect light into the
Art: Painting.	explain that objects are seen because they give out of reflect light finto the
Mix paint to match the colours in real objects	eye, explain that we see things because light travels from light sources to
Iviake a realistic collage using paint	our eyes or from light sources to objects and then to our eyes. Use the idea
Use thick paint, applying with a spatula in the style of a Well-Known	that light travels in straight lines to explain why shadows have the same
L di li Si	
Design a class alphabet showing a variety of paint techniques	shape as the objects that cast them.

	Design a logo which represents the name, colour & products of a given	DT – Construction and mechanisms
	shop.	Use electrical systems in own products. Use a range of information to
		inform design (e.g. origins, examine existing products, analyse how
		products move or are structured or how to strengthen structures and
		systems). Produce a detailed plan, with cross-sectional diagrams. Use a
		range of tools and equipment precisely. Consider the aesthetic qualities
		and functionality of product as making it, refining details as necessary.
		Evaluate the appearance and test the function of a product (own and pre-
		existing) against the original criteria, saving whether it is fit for nurnose
		Suggest improvements that could be made, considering materials
		methods, sustainability of the product. Evilore how mechanical system
		methods, sustainability of the product. Explore now methanical system
		such as cams, pulleys or gears create movement. Know that mechanical
		and electrical systems have an input, process and output. Understand how
		simple electrical circuits and components can be used to create functional
		products. Know how to use saws, hammers, drills, nails and screws safely.
		Use simple electrical circuits and components in the product.
		Art: Painting Learn to:
		-Product a portrait using tones of grey which emphasise the dark and light
		of the head
		 Use a spatula or different brush thicknesses to apply paint & create
		texture
		- Mix colours to match the subtle colour of someone or something
		- Produce a painting that captures the colour, tone and texture of an object
		- Design and paint an object, creating humour in the design.
Trade and	British Settlements- The Viking and Anglo-Saxon Struggle for the	A study of an aspect or theme in British History that extends pupil
Exploration	Kingdom of England to the time of Edward the Confessor	chronological knowledge beyond 1066 –the turbulent Tudors.
	Why did the Vikings invade Britain? How did people	Who was Henry VIII and how did he become King? What factors lead to his
	resist Viking invasion? How and when did the invaders become	divorce from Catherine of Aragon? What impact did decisions made by
	Christians? What can archaeology tell us about the invaders? How are	Henry have on the people of Britain? What can different sources tell us
	we to interpret the historical sources, including surviving primary	about the past and how trustworthy are they? Why was Edward known as
	sources? Chronologically secure knowledge and understanding of	a 'Puppet King' ? How did Mary I's beliefs contrast to those of her
	British, local and world history. Can sequence with independence the	predecessors? How did she become so unpopular? Why was Elizabeth's
	key events, objects, themes, societies and people covered using date,	reign referred to as the Golden Age in comparison to her sister?

period labels and terms. Make comparisons between different times in the past.	Know key dates characters and events of time studied. Provide overviews and examine causes of events in history for individuals and societies. Use Sources as Evidence.
Use 4 digit and 6 figure grid references on OS maps	
Use 8 figure compasses, begin to use 6 figure grid references. Compare maps with aerial photographs. Follow a short route on an OS map. Describe the features shown on an	Human geography of the UK and local area, including land use, economic activity, distribution of natural resources including energy. A study of Windfarms as a sustainable source of energy
OS map. Draw a sketch map using symbols and a key. Use and recognise OS map symbols regularly.	Name and locate counties and cities of the United Kingdom. Study geographical regions and their identifying human and physical characteristics, including key topographical features (e.g. hills, mountains,
	coasts and rivers) land-use natterns and understand how some of these
Chemistry: Properties and changes of materials	aspects have changed over time. How do these aspects influence the
Compare and group together everyday materials on the basis	possible emergence of renewable energy sources? Use maps and digital
of their properties, including their hardness, solubility, transparency,	imaging to locate the distribution of windfarms across the country –
conductivity (electrical and thermal), and response to magnets, know	identifying links to physical geography of regions.
that some materials will dissolve in liquid to form a solution, and	
describe how to recover a substance from a solution Use knowledge of	Biology: Animals including humans.
solids, liquids and gases to decide how mixtures might be separated,	Identify and name the main parts of the human circulatory system, and
including through filtering, sieving and evaporating. Give reasons,	describe the functions of the heart, blood vessels and blood
based	Recognise the impact of diet, exercise, drugs and lifestyle on the way their
on evidence from comparative and fair tests, for the particular uses of	Dody Situricition
that	animals, including humans
dissolving, mixing and changes of state are reversible changes. Explain	
that some changes result in the formation of new materials, and that	DT - Textiles: Combination of fabric shapes. To know that a 3D textiles
this kind of change is not usually reversible, including changes	product can be made from a combination of fabric shapes.
associated with burning and the action of acid on bicarbonate of soda.	Use a range of information to inform design (e.g. magazines, digital media,
Textiles: Viking product sewing. Create a Viking style purse.	examine existing products, analyse how products are structured or how to create effects – add pockets, poppers, a zip). Produce a detailed plan, with
To understand the importance of pipping and tacking fabrics	cross-sectional diagrams and annotations. Use a range of sewing tools and
Generate a range of ideas after collating relevant information	equipment safely and precisely. Consider the aesthetic qualities and
Suggest alternative plans, considering the positive aspects and	functionality of product as making it, refining details as necessary. Evaluate
drawbacks of each.	the appearance and test the function of a product (own and pre-existing)
Use a range of tools and equipment expertly. Pin and tack fabrics, use	against the original criteria, saying whether it is fit for purpose. Suggest
patterns and seam allowances and join fabrics to make products.	improvements that could be made, considering materials, methods,
Consider the aesthetic qualities and functionality of my work when	sustainability of the product.
making.	

Evaluate the appearance and function of a product against the original criteria, saying whether it is fit for purpose. Suggest improvements that could be made, considering materials and methods that have been used.	Pin and tack fabrics, use patterns and seam allowances and join fabrics to make quality products. Based upon WW2 'Mend and make do', design and make new products from old. Generate, develop, model and communicate ideas through discussion, annotated sketches and cross-sectional diagrams.
 Art: Printing. Creating a Viking style rune of own design and creating a printing block for the DT textile. Learn to: Create mood with a transfer print using line and colour Create a press print from observational drawing, enhancing mood with line and colour Create a successful mono-print from an observation line drawing Use plastic to make an interesting print block with various textures Use plastic print block to create a distorted image 	 Art: 3D Learn to: Design objects using paintings as inspiration Form curved & straight sided blocks out of clay Blend shapes of clay carefully & effectively to make a larger object Cut and model clay to required shape & texture Combine cardboard & papier mache to create a carefully made sculpture creating mood through colour