

Autumn Term 2019 Medium Term Plans Dragonflies

Year A	Autumn Term: World War II/Europe		Spring Term: In a land before time		Summer Term: The Victorians/ Volcanoes and earthquakes	
	English	Fiction - Jack and the Dream sack NF - Book of Bones (Pre-read Oliver and the Seawigs) (Quality topic writing)	Fiction - Oliver and the Seawigs Fiction - Mog's Christmas Calamity	NF - Stone age boy Fiction - Fair brown and trembling (Cinderella)	NF - A walk in London Fiction - Leon and the place between	NF - How to invent Fiction - Firebird NF - Ask Dr K Fisher about animals Fiction - Poetry Pie
Maths White Rose year $\frac{3}{4}$ mixed age planning	Number - Place value 4 weeks Number - addition and subtraction 4 weeks Number - Multiplication and division 4 weeks		Number - Multiplication and division 2 weeks Measurement - length, perimeter and area 2 weeks Number - fractions 4 weeks Year 3 - Measurement - Mass and Capacity -3weeks Year 4 - Number - decimals -3 weeks		Number - Decimals (including money) 3 weeks Measurement - Time 2 weeks Statistics 2 weeks Geometry - Properties of shape (including Y4 position and direction) 4 weeks	
Science	Animals Y3 Vocab: Nutrition , Skeleton , Muscles, Support, Protection, Movement, Exoskeletons, Vertebrate, Invertebrate Working scientifically: - Asking relevant questions and using different types of	Humans Y3 Vocab: Skeleton, Muscles, Support, Protection , Movement, Food groups fruit and vegetables , dairy, carbohydrates, protein, oils and spreads, fats & sugars, Names of bones, Contracting, Relaxing, Pair Working scientifically: - Asking relevant questions and using different types of science enquiry to answer	Forces and Magnets Y3 Vocab: Appearance, physical properties, fossils, soil, organic matter, Igneous, Metamorphic, Sedimentary, Different types of rock, Grains, Crystals, Investigate Working scientifically: - Observing rocks.	Rocks Y3 Vocab: Appearance, physical properties, fossils, soil, organic matter, Igneous, Metamorphic, Sedimentary, Different types of rock, Grains, Crystals, Investigate Working scientifically: - Observing rocks. - Identify & classify rocks - Research and discuss different kinds of living	Sound Y4 Vocab: vibrating/vibrations , travel, Vibrations travel through a medium to the ear, Pitch, Volume, Faint/fainters, distance , Increase, Decrease , Anatomy of the ear. Working scientifically: - Finding patterns in sounds that are made	States of Matter Y4 Vocab: Appliances, electricity, simple series electrical circuit, Construct, Cells, wires, bulbs, switches - buzzers - lamp - complete loop with a battery - Conductor - Insulator - Components -Devices

	<p>science enquiry to answer them.</p> <ul style="list-style-type: none">- Identifying and grouping e.g. animals with and without skeleton- Observe and compare e.g. movement.- Grouping (Magenta principles) <p>Magenta - arrange (bones), arrange/reduce (most important body parts/organs).</p>	<p>them.</p> <ul style="list-style-type: none">- Identifying and grouping e.g. animals with and without skeleton- Observe and compare e.g. movement.- Grouping (Magenta principles) <p>Investigation: True or false questions about body facts (e.g. length of arm is equal to circumference of head), Giant's footprint'.</p> <p>Magenta - arrange (food groups).</p>	<ul style="list-style-type: none">- Identify & classify rocks- Research and discuss different kinds of living things whose fossils are found in sedimentary rocks.- Explore different soil- Raising and answering questions e.g. the way that soils are formed.- Investigate e.g. what happens when rocks are rubbed together or what changes occur when they are in water (With a focus on fair testing)	<p>things whose fossils are found in sedimentary rocks.</p> <ul style="list-style-type: none">- Explore different soil- Raising and answering questions e.g. the way that soils are formed.- Investigate e.g. what happens when rocks are rubbed together or what changes occur when they are in water (With a focus on fair testing)	<p>by different objects e.g. saucepan lids of different sizes and elastic bands of different thicknesses.</p> <ul style="list-style-type: none">- Make earmuffs from a variety of materials to investigate the best insulation against sound.- Make and play their own instruments using their knowledge about pitch and volume.	<p>*Formal circuit diagrams are introduced in Y6*</p> <p>Working scientifically:</p> <ul style="list-style-type: none">- Predictions e.g. bulbs get brighter if more cells are added. (See NC for other examples)- Suggest improvements and raise further questions within a scientific enquiry.
D&T	<p>Cooking and nutrition Design a meal based on WWII Rations (VE day party)</p> <p>Vocab: Design - research, develop, criteria, functional, appealing, products, fit for purpose, evaluate, develop, model, communicate, annotate, sketch, cross-section, exploded diagram, prototypes, computer-aided design Make - tools, equipment, cutting, shaping, joining, finishing, accuracy, tools, components, construction materials, textiles, functional properties, aesthetic properties. Evaluate - investigate, analyse, products, design criteria</p> <p>Nutrition, healthy eating, varied diet, sweet/savoury, seasonality, ingredients, reared,</p>	<p>Structures/Construction Bridges</p> <p>Vocab: Design - research, develop, criteria, functional, appealing, products, fit for purpose, evaluate, develop, model, communicate, annotate, sketch, cross-section, exploded diagram, prototypes, computer-aided design Make - tools, equipment, cutting, shaping, joining, finishing, accuracy, tools, components, construction materials, textiles, functional properties, aesthetic properties. Evaluate - investigate, analyse, products, design criteria</p>	<p>Electrical Make Victorian shoebox houses which include and electrical circuit to turn on a light in the house.</p> <p>Vocab: Design - research, develop, criteria, functional, appealing, products, fit for purpose, evaluate, develop, model, communicate, annotate, sketch, cross-section, exploded diagram, prototypes, computer-aided design Make - tools, equipment, cutting, shaping, joining, finishing, accuracy, tools, components, construction materials, textiles, functional properties, aesthetic properties. Evaluate - investigate, analyse, products, design criteria</p>			

	caught, processed, cut, slice, dice, mash, sieve, pour, whisk, peel, grate, blend.			
Art	Printing – Artist (KMS alternating with Music) (Y3) relief and impressed printing, recording textures/patterns, mono printing, colour mixing through overlapping colour prints (Y4) use sketch books for recording textures/patterns, interpret environmental and man-made patterns, modify and adapt print		Drawing – Cave paintings/drawings/portraits (Y3) – experiment with the potential of various pencils, close observation, draw both the positive and negative shapes, initial sketches for preparation for painting, accurate drawings of people (particularly faces) (Y4) Identify and draw the effect of light, scale and proportion, accurate drawings of whole people including proportion and placement, work on a variety of scales, computer generated drawings.	Texture – William Morris (Y3) use smaller eyed needles and finer threads, weaving, tie dying, batik (Y4) use a wider variety of stitches, observation and designs of textural art, experiment with creating mood, feeling and movement, compare different fabric.
Computing	E-safety: Google Share with care (year 3 scheme of work)	Digital Literacy & E-safety: using a computer/device	Digital Literacy: Explore a Topic with Research and Collaboration	Coding: Animations - Space Coding: Sound and music - Rock band Coding: project
History	WW2 Vocab: Adolf Hitler, Nazi, Jew, food rationing, Anderson shelter, battle of Britain, invasion, evacuation, holocaust, evacuee, diet, implementation, military, air force, navy, army (DIARY) Historical aims: - Understand the achievements and follies of mankind - Historical enquiries - Gain historical perspective by putting their knowledge into context.		Stone age to Iron age Vocab: Early man, copper mining, bronze age, stone henge, hill fort, druids, iron age, tools, crucial, survival, Skara Brae, hunting tool, tribe, mining, archaeologist, unreliable, evidence Historical aims: - Understand how evidence is used rigorously to make historical claims.	The Victorians Vocab: Queen Victoria, Albert, Workhouse, invention, Victorian, steam engine, punch and Judy, rich, poor, chimney sweep, slate, chalk, cane, blackboard, abacus, whip & top, yo-yo, Diablo, horse, carriage, mangle, quill, ink, empire Historical aims: - Understand the expansion and dissolution of empires. - Understand how Britain has influenced the wider world and how people's lives has shaped this nation.
Geography	Locate world's countries, focussing on Europe Vocab: Countries of Europe e.g. France, Europe, EU, Brexit, physical and human characteristics, name mountains, rivers, landmarks & major cities, democracy, treaty, Geographical skills: - Use maps, atlases, globes and digital/computer		Dartmoor (Local study) Geographical skills: - Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods including sketch maps, plans and graphs and digital technologies.	Volcanoes and earthquakes Vocab: Earthquake, volcano, disaster, natural, layer, crust, outer core, molten rock, vent, eruption, volcanic, lava, nickel, iron, expelled, mantle, magma, active, pumice, extinct, dormant, core, ash, tectonic plates, tsunami, ring of fire, Geographical skills:

	mapping to locate countries and describe features studied.			- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods including sketch maps, plans and graphs and digital technologies.		
Music						
PE	High 5 Dance - Rock and Roll/Swing (Link to WWII)		Dance - St George and the Dragon Gymnastics - Rolling Net and wall OAA CLC - Orienteering		Dance - Volcanoes Gymnastics - balance Striking and fielding Athletics CLC - Rounders and cricket	
RE Devon and Torbay RE Syllabus Y4 Units	What do Hindus believe God is like?	2a.3 INCARNATION / GOD: What is the Trinity? Christmas	What does it mean to be a Hindu in Britain today?	2a.5 SALVATION: why do Christians call the day Jesus died 'Good Friday'? Easter	2a.6 KINGDOM OF GOD: When Jesus left what was the impact of Pentecost?	Why do some people think that life is like a journey and what significant events mark this?
Jigsaw (PSHE) Vocab identified on weekly planning	Being me in my world Year 3 scheme of work	Celebrating difference	Dreams and goals	Healthy me	Relationships	Changing me