

Year 4

Topic	Autumn 1 Green	Autumn 2 Grand Designs	Spring 1 Bodies	Spring 2 Under the sea	Summer 1 Chocolate	Summer 2 Toys
Core text	The great paper caper Don't throw that away Litterbug Doug Dear Greenpeace	The true story of the 3 little pigs The most magnificent thing Iggy piggy architect Wallace and Grommit The wooden horse of Troy	Funny bones Smelly Peter Dave	Barry the fish with fingers Sharing a shell Tiddler	Biscuit bear Charlie and the chocolate factory Chocolate cake poem – M.Rosen	Toy story Traction man Revolting rhymes – R.Dahl
First hand experience (hook)	Visit to Sherwood Forest	Visit to Sheffield city centre – cathedral, town hall, winter gardens	Make a fake lung experiment	Visit to the Deep	Visit from a chocolatier	Toy story film
Fabulous Finish	How eco friendly is our school?	Ancient Greek 'histagrams' & toga party	Ancient Roman feast	Art gallery	Make and sell chocolate treats	Music performance
Vocabulary development	Earth, planet, recycle, waste, rubbish, reuse, environment, pollution Classification, change, global warming, climate, latitude, longitude, equator, hemisphere, tropics, Greenwich Meridian , time zone	Architect, design, re-draft, finish, quality, inspire, idea, period, theme, building, structure Ancient, achievements, civilisation electrical circuit, cell, wire, bulb, switch and buzzer, electricity, appliance, conductor, insulator	Rome, Italy, Latin, roads, sewers, language, empire Body, bones, blood, heart, circulation, muscle, digestive system, stomach, intestines Incisor, molar, canine, milk teeth, plaque, brush, healthy, mouth, gums, tongue	Producer, predator, prey River, watercourse, flow, sea, channel, bed, banks Water cycle, evaporate, surface, rise, atmosphere, cool, condense, clouds, precipitation, rain Compass, grid reference, map	Chocolatier Liquid, solid, gas, change, heating, cooling, irreversible, reversible, temperature, degrees, Celsius, dissolve, melt, freeze, change,	Vibration, sound, ear, pinna, auditory canal, ear drum, cochlea, Eustachian tube Wooden, metal, plastic, computer, play, game, invent, imagine
Language function and structure (Speak well wheel)	Describing Opinion Comparing and contrasting	Comparing and contrasting Explaining	Describing Comparing and contrasting	Evaluating Describing	Opinion Comparing and contrasting	Describing Deducing Predicting
Writing	Leaflet Letter Setting description Factfile – location comparison	Advert – dream home Newspaper article Explanation – circuit Story with a historical setting – ancient Greece	Newspaper article – Peter's abduction Character description Diary – Dave adventures	Recount – Deep visit Thank you letter to the Deep Narrative	Narrative from different view point – biscuit bear Advert – visit the chocolate factory Poem – favourite food	Toy story play script extract Stories set in an imaginary world – Traction man

GPS	Paragraphs Headings, subheadings, layout Suffixes Tense	Tense Paragraphs Headings, subheadings, layout Suffixes Expanded noun phrases, preposition phrases	Apostrophes for possession Tense Fronted adverbials	Fronted adverbials Expanded noun phrases, preposition phrases Suffixes	Fronted adverbials	Expanded noun phrases, preposition phrases Suffixes
Maths (White Rose)						
Maths topic links	Money – recycling, waste management	Area and Perimeter Height 3-D shape properties Symmetry	Length – body measurements	Measures – estimation, volume, capacity Time – link to visit	Fractions Money – chocolate treat stall Symmetry – chocolate bar wrappers	Data handling – science experiments
Science • Scientific enquiry skills	Recognise that living things can be grouped in a variety of ways Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment Recognise that environments can change and that this can sometimes pose dangers to living things. Sherwood forest - sorting and classifying Global warming ▪ asking relevant questions and using different types of	▪ gathering, recording, classifying and presenting data in a variety of ways to help in answering questions Identify common appliances that run on electricity Recognise some common conductors and insulators and associate materials with being good conductors Electric appliance hunt around school Experiment with different objects in a battery circuit to see what conducts. How to keep warm in winter– insulator experiment.	Describe the simple functions of the basic parts of the digestive system in humans Create the digestive system experiment. Identify the different types of teeth in humans and their simple functions Mouth model Toothbrush club Visit from a dentist	Construct and interpret a variety of food chains, identifying producers, predators and prey Paper chain food chains, paper cup food chains Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. Water cycle experiment and diagram	▪ asking relevant questions and using different types of scientific enquiries to answer them ▪ setting up simple practical enquiries, comparative and fair tests ▪ making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment ▪ recording findings using simple scientific language,	▪ setting up simple practical enquiries, comparative and fair tests ▪ recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables ▪ reporting on findings from enquiries, including oral and written explanations, displays or

	<p>scientific enquiries to answer them</p> <p>Solar oven nachos Making paper</p> <ul style="list-style-type: none"> using straightforward scientific evidence to answer questions or to support their findings. <p>Sorting recyclables Air, land and water pollution experiment</p>	<p>Construct a simple series electrical circuit, identifying and naming its specific parts including cells, wires, bulbs, switches and buzzers</p> <p>Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.</p> <p>Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</p> <p>3 little pig houses with a light</p>			<p>drawings, labelled diagrams, keys, bar charts, and tables</p> <p>Compare and group materials together, according to whether they are solids, liquids or gases</p> <p>Dissolving, expanding and bouncing egg</p> <p>Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</p> <p>Chocolate spoons with different toppings Hot chocolate science experiment -dissolving Making ice lollies</p>	<p>presentations of results and conclusions</p> <ul style="list-style-type: none"> using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions <p>Identify how sounds are made, associating some of them with something vibrating</p> <p>Recognise that vibrations from sounds travel through a medium to the ear</p> <p>Find patterns between the pitch of a sound and features of the object that produced it</p> <p>Find patterns between the volume of a sound and the strength of the vibrations that produced it</p> <p>Recognise that sounds get fainter as the distance from the</p>
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						<p>sound source increases.</p> <p>‘See the sound’ activities</p> <p>Sound experiment - how far away can you get?</p> <p>Yogurt pots and string walkie talkies</p>
Science – Rising Stars	Bubbles	Power it up	Teeth and eating	Living things	Looking at states	What’s that sound
Art or Design and Technology	<p>To create sketch books to record their observations and use them to review and revisit ideas</p> <p>To improve their mastery of art and design techniques, including drawing with a range of materials</p> <p>Sketching or pen & ink observational drawing eg, seed heads, flowers</p> <p>Shades of nature activities – twig wrapping, paint mixing</p>	<p>To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials</p> <p>Andy Goldsworthy inspired sculptures outside – junk modelling, land art</p> <p>About great artists, architects and designers in history</p> <p>Gaudi</p> <p>Understand and use mechanical systems in their products</p> <p>Make a winch to lift a heavy load</p> <p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>Model acropolis</p>	<p>About great artists, architects and designers in history</p> <p>Picasso – portrait paintings in the style of</p> <p>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p>Roman feast</p>	<p>To improve their mastery of art and design techniques, including drawing with a range of materials</p> <p>Pastel and pencil sketches of sea life observed at the Deep</p>	<p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> <p>Research, design and make food packaging for sweet treats for the stall</p> <p>About great artists, architects and designers in history</p> <p>Andy Warhol soup cans</p> <p>Understand and apply the principles of a healthy and varied diet</p> <p>Healthy and unhealthy plates</p>	<p>Understand how key events and individuals in design and technology have helped shape the world</p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> <p>investigate and analyse a range of existing products</p> <p>Evaluate their ideas and products against their own design criteria and consider the views of others</p>

		<p>Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p>Lego house with a light (see science)</p>				<p>to improve their work</p> <p>Design and make a musical instrument Design and make a simple angry birds game using scratch</p>
Geography	<p>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</p> <p>Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region within North or South America</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features</p> <p>studies</p> <p>Describe and understand key aspects of:</p>			<p><i>Human and physical geography</i></p> <p>describe and understand key aspects - rivers, the water cycle</p> <p>Water cycle experiment and diagram</p> <p>Use the eight points of a compass, four and six figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world</p> <p>Planning the route to the deep</p>		

	physical geography, including: climate zones Study of Sherwood Forest compared to the rain forest Factfiles- link to ICT (iSherwood Forest)			Visit to the Deep podcast		
History	A local history study Robin Hood	Ancient Greece – a study of Greek life and achievements and their influence on the western world You wouldn't want to be a slave in ancient Greece book Histogram of achievements Plan and host a toga party	The Roman Empire and its impact on Britain Houses & heating, sewage systems Make a model of a Roman road Food for the feast History in hashtags project			A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 History of toys early toys to I pads Family - toys they used to play with
Music	Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians Classical music inspired by nature	Develop an understanding of the history of music Ancient Greek music	Improvise and compose music for a range of purposes using the inter related dimensions of music Body percussion	Develop an understanding of the history of music Roman music	Play and perform in solo and ensemble contexts, using their voices Songs about food	Playing musical instruments with increasing accuracy, fluency, control and expression 'You've got a friend in me' Toy story theme
Computing – topic links	Location fact files				Food packaging – D&T	Scratch angry birds game
Computing – Rising Stars	We are meteorologists	We are HTML editors	We are co-authors	We are musicians	We are software developers	We are toy designers
PE– Rising Stars	Invaders	Dynamic dance	Gym sequence	Active adventure	Young Olympians	Nimble nets
PSHEC Oasis 9 habits	Growth mind set Only one you How to catch a star	Ethos 1 – A passion to include 9 Habits – Hopeful 9 Habits - Joyful	Ethos 2 – A desire to treat everyone equally 9 Habits – Patience 9 Habits - Compassion	Ethos 3 – healthy relationships 9 Habits – Forgiving	Ethos 4 – A deep sense of hope 9 Habits – Considerate 9 Habits – Self Control	Ethos 5 – perseverance 9 Habits –Humility 9 Habits - Honest
Commando Joe	Ed Stafford – Walking the Amazon		Spartacus – Romans Revolt		Ranulph Fiennes – Transglobe adventure	
Safeguarding in the curriculum Right to be safe	Online safety, recipe for a safer internet & child friendly acceptable use	Firework safety Anti Bullying w/c 13.11.17	Stranger danger NSPCC, Child line	Mental health First aid	Drugs and alcohol SRE	Water safety Sun safety

	<p>Healthy eating – breakfast, lunch boxes</p> <p>Oral hygiene & toothbrush club (EYFS)</p> <p>International fitness day 27.9.17</p>	<p>Road safety w/c 20.11.17</p> <p>Giraffe’s can’t dance</p> <p>Smartest giant in town</p>	<p>Safer internet day 6.2.18</p> <p>Huge bag of worries</p>	<p>Augustus and his smile</p>	<p>Walk to school week w/c 14.5.18</p>	<p>Cycle safety</p>
<p>British values in the curriculum</p> <p>Right to respect</p>	<p>Eid</p> <p>Roald Dahl day</p> <p>International day of peace</p> <p>Harvest Festival</p> <p>Have you filled your bucket today?</p>	<p>Black History Month</p> <p>Anti bullying week</p> <p>Remembrance Day</p> <p>Children in Need</p> <p>St Nicholas’ Day 6.12.17</p> <p>Christmas</p> <p>Up and down</p> <p>For every child (rights)</p>	<p>Chinese New Year</p> <p>Pancake Day</p> <p>Lent</p> <p>We are all born free</p>	<p>World Book Day</p> <p>Fairtrade fortnight</p> <p>Mother’s Day</p> <p>Easter</p> <p>The world came to my place today</p>	<p>St George’s Day</p> <p>Roma Day</p> <p>If the world were a village</p>	<p>Queen’s birthday</p> <p>Father’s Day</p> <p>Gay Pride</p> <p>Recycling Week</p> <p>What if everybody did that?</p> <p>10 things I can do to help my world</p>
RE	Sheffield SACRE agreed syllabus & Oasis scheme					
Spanish	I languages Year 4					