

### Lower School Curriculum Map 2015-2018

The table below sets out the thematic coverage, using the Cornerstone Primary Curriculum, of the National Curriculum in Years 1-3 over a 3 year cycle in the subjects: English, Science, Art and Design, Design & Technology, Geography, History and Music. Not all aspects of these subjects may be taught within the thematic project; for a gap analysis of each individual subject, please see individual subject policies.

Planned half term	Project Title	Subject focus	Memorable experience	Innovate challenge	Love to Investigate links to support Science learning	English	Art & Design	Computing	D&T	Geography	History	Mathematics possible cross curricular links	Music	PE possible Cross Curricular Links	Learning Power	Science
Autumn 1 2015	Towers, Tunnels and Turrets	D&T	Visit a local castle	Make a fortress for the Three Little Pigs	Can you make a paper bridge? Where do worms like to live?	Recounts; Reported speech; Narrative; Letters; Posters	Sculpture using natural materials	Create castles using drawing software	Making models of towers, bridges and tunnels	Amazing structures around the world; Towers and bridges in the local area	Castles and castle life; Significant individuals - Isambard Kingdom Brunel	Measures (height)	Discrete	Defend and attack games; Balance and co-ordination	Learning with others	Living things and their habitats; Use of everyday materials; Working scientifically
Autumn 2 2015	Bright Lights, Big City	Geography	Afternoon tea with the Queen	Marley the meerkat's trip to London	How do you make bread? How does it move?	Recounts, Labels and captions; Adventure narrative; Instructions; Emails; Character study	Discrete	Searching the web; Digital images; Algorithms; Logical reasoning; Creating and debugging Programs; Common uses of information technology; E-safety; Stop-motion animation	Exploring mechanisms; Constructing moving models; Understanding where food comes from; Design and make souvenirs; Models of London landmarks	Countries and capital cities of the UK (London focus); Using locational language; Using maps; Geographical similarities and differences	The Great Fire of London	Sequencing events	Traditional songs and nursery rhymes	Discrete	Thinking skills	Everyday materials; Working scientifically
Spring 1 2016	Dinosaur Planet	History	Dinosaur 'man' to visit	Dinosaur museum	Whose poo? Why do we have teeth?	Fact files; Poetry and riddles; Non-chronological reports; Narrative; Writing for different purposes	Large and small-scale modelling	Programming a floor robot; Stop-frame animation	Designing and making	Locating continents and oceans	Events beyond living memory; Significant individuals - Mary Anning	Measurement	Percussion	Dance; Tactical games	Developing independence	Plants and animals
Spring 2 2016	Mighty Metals	Science	Visit a local playground	A friend for the Iron Man	The Iron Man - Ted Hughes	Can you block magnetism? Why do magnets attract and repel? What does friction do? How mighty are magnets?	Non-chronological reports; Explanations; Instructions; List poetry; Recounts	Embossed pattern and pictures; Making jewellery	Creating spreadsheets; Using presentation software	Product evaluation; Using research to inform design; Selecting materials; Making vehicles; Building an Iron Man; Using	Discrete	Discrete	Measuring length	Performing using metal objects for instruments		Forces and Magnets



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										electrical circuits						
Summer 1 2016	Urban Pioneers	Art & Design	Bus trip to town	Make public art	Emil and the Detectives - Erich Kästner The Family from One End Street - Eve Garnett	Why do cat's eyes glow at night? Why do shadows change? What are sunglasses for?	Leaflets; Free verse poetry; Autobiography; Email; Signs and slogans	Photography; Graffiti art; Observational drawing	Digital maps; Programming; audio recording; Using search engines effectively	Discrete	Geographical skills and fieldwork	A local history study	Data handling	Discrete		Light and Dark Being safe; Presenting own opinions
Summer 2 2016	Beat Band Boogie!	Music	Watch a drumming band	Join the Duke's marching band	Can water make music?	Instructions, Labels and captions; Newspaper reports; Narrative; Lyrics; Invitations	Large-scale painting	Audio recording	Making percussion instruments	Making sketch maps	Discrete	Songs to recall number facts	Percussion; Listening; Improvising; Using voices	Dance		Sound; Working Scientifically; Sex and relationships
Autumn 1 2016	Land Ahoy!	Geography	Visit a marina/boat yard/ RNLI station/ boating lake	Find pirate treasure	Why do boats float? Can you find the treasure?	Narrative; Information books; Descriptions; Poetry; Postcards	Observational drawing; Printing	Programming; Using presentation software	Mechanisms; Structures	Using and making maps; Location knowledge; Using and giving directions	Significant historical people - Captain James Cook, Grace Darling; Famous pirates	Mass; Position; Direction and movement	Sea shanties	Discrete		Everyday materials; Working scientifically
Autumn 2 2016	Superheroes	PE	Superhero hunt	Save the school from Professor Slime	What can our hands do? Can you be a superhero?	Descriptive sentences; Comic strips; Narrative; Fact files; Labels and captions	Drawing and modelling superheroes	Downloading photographs and images; E-safety; Animation	Superfoods; Mask-making	Discrete	Historical heroes/heroines	Discrete	Creating digital superhero sounds	Superhero action Movements; Dance; Agility and strength	Recognising good and bad choices; Keeping safe; Making a positive contribution	Human body-parts and senses; Eating healthy; Working scientifically
Spring 1 2017	Scrumdiddlyumptious!	D&T	Visit a local shop or supermarket	Invent a smoothie	Charlie and the Chocolate Factory - Roald Dahl	Which is the juiciest fruit? Is it safe to eat?	Recounts; Recipes and instructions; Nonsense poetry; Non-chronological reports; Adverts	Sculpture	Web searches; Emails	Cooking and nutrition	Food miles and fair trade	Significant individuals - James Lind	Measures and money	Vegetable orchestra	Exercise	Nutrition
Spring 2 2017	Paws, Claws and Whiskers	Art & Design	Visit from an animal owner / Visit a zoo, wildlife park or rescue centre	Look after a mystery animal	Can you leap like a frog? What is camouflage for? What can worms sense?	Recounts; Fables; Booklets and lists; Instructions; Nursery rhymes and poems	Talking about art; Drawing; collage; Model making; Painting; Sculpture; Animal masks and products	Retrieving images; Photography; Using presentation software	Designing labels; Designing and making animal enclosures	Using and making maps; Describing physical features	Discrete	Discrete	Animal songs	Animal movement and dance	Caring for animals	Animals (including humans); Working scientifically

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Summer 1 2017	Gods and Mortals	History	Meet Zeus	Pandora's Box		Why did Icarus fall from the sky?	Character profiles; Diary writing; Instructions and commands; Myths and legends; Character descriptions	3-D sculpture; Greek art and design	Using presentation software	Moving parts; Model making	Ancient and modern day Greece; Geographical features; Using maps	Ancient Greece	Positional and directional language	Discrete	Athletics; Battle formation; Dance	Working scientifically
Summer 2 2017	Beachcombers	Science	A trip to the seaside	Create a sea creature	How many arms does an octopus have? Will it degrade?	Labels, Lists and captions; Tongue twisters; Narrative; letters; Non-fiction books	Sketchbooks; 3-D modelling; Sand art; Seascapes	Web searches; Common uses of ICT; Digital presentations	Finger puppets	Coastal features	Discrete	Measures (mass)	Discrete	Discrete	Caring for the environment	Living and Non-living Things; Food Chains; Basic Needs of Animals; Sex and relationships
Autumn 1 2017	The Enchanted Woodland	Science	Visit a local woodland	A woodland party for Mr Fox	Are all leaves the same? Do pine cones know it's raining? What's in a bud? How do leaves change?	Recounts; Information books and letters; Lists and instructions; Narratives	Working with natural materials; Drawing and painting	Sending an email	Building structures; Making party food	Making maps	Discrete	Measuring length and height; Using money	Discrete	Team games	Feeling positive; Looking after the environment	Plants and animals; Identifying and classifying
Autumn 2 2017	Tremors	Geography	Visit a seashore, river bed or rocky outcrop	Emergency plan for a volcano eruption		What is sand?	Recounts; Historical narrative; Narrative using personification; Newspaper reports; Poetry	Sculpture; Photography	Presenting information	Structures	Volcanoes and earthquakes	Ancient Rome - Pompeii	Discrete	Composition	Outdoor and adventure challenges	Topical issues-environment, Rocks
Spring 1 2018	Moon Zoom!	D&T	Alien crash scene investigation	Help the alien home	What keeps us dry? How does it feel?	Posters; Character profiles; Non-chronological reports; Adverts; Science fiction	Models of the Solar System	Drawing software; Algorithms; Email; Photo stories	Design and make space-themed vehicles; Evaluating toys; Using mechanisms	Satellite images	Significant people - Astronauts; Changes within living memory	Position and direction	Space sounds; Space-themed songs	Dance	Aspirations and goal setting	Properties of everyday materials; Working scientifically
Spring 2 2018	Street Detectives	History	Walk around the local community	Improve the local area	How do plants grow in winter?	Recounts and captions; Nursery rhymes; Instructions; Adverts; Diary writing	Famous local artists; Drawing, painting or collaging views from the local area	Photo stories; Algorithms	Selecting tools and materials; Baking; Sign making; Designing buildings	Fieldwork in the local area; Human and physical features; Using and making Maps with keys; Looking at aerial images	Changes within living memory; Significant people, Places and events in local area	Time; Data handling	Discrete	Keeping fit	Belonging to a community; Improving the local area	Identifying and comparing Everyday materials; Identifying plants in the local area



Cornerstones

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Summer 1 2018	Tribal Tales	History	Visit a prehistoric site	Construct a monument		Do plants have legs? What are flowers for?	Information books; Adventure stories; Fact files; Letters; Poetry using similes and metaphors	Neolithic art; Clay beakers; Iron Age jewellery	Discrete	Tool design and making; Building structures	Fieldwork; Human and physical geography; Using maps and aerial images	Prehistoric Britain from the Stone Age to Iron Age	Discrete	Discrete		Plants; light; working scientifically
Summer 2 2018	Muck, Mess and Mixtures	Art & Design	Messy mixtures day	Messy art exhibition	Which stuff is stickier? How is mud made? What shape is a bubble?	Labels, Lists and captions; Recipes; Poetry; Narrative; Leaflets	Printing; Food landscapes; Mixed media pictures and collages; Colour mixing; Using clay	Stop motion animation; Digital photography and presentations	Food tasting; Origins of food; Healthy meals; Following recipes; Designing an outdoor kitchen	Discrete	Discrete	Measurement (capacity and mass)	Discrete	Discrete	Safety around medicines and household products	Everyday Materials; Sex and relationships