

Discoverers – Curriculum overview – Cycle A

<i>Key vocab in italics</i>	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
ENRICHMENT	History trip- Great fire of London, Beach trip Religious trip, Author zoom, class assembly, trips to church					
ENGLISH	The Naughty Bus- Jan Oke and Jerry Oke The owl and the pussy cat- Edward Lear	Beegu- Alexis Deacon	Dear Earth- Isabel Otter and Clare Anganuzzi	The Odd Egg- Emily Gravett	The magic bed- Jon Burningham	Ocean meets sky- The Fan brothers
	The Journey Home- Frann Preston-Gannon	The Great Fire of London- Emma Adams	Yeti and the bird- Nadia Shireen	I want my hat back- Jon Klassen	Astro Girl- Ken Wilson-Max	Dadaji's paintbrush- Rashmi Sirdeshpande
	<i>Letters, diaries, sequels, non-chronological reports, interviews, lists, instructions, poetry, Full stop, Capital letter, Finger spaces, Noun, Adjective, Verb, Planning</i>	<i>Descriptions, commands, letters, nonsense-word dictionary, poems, non-fiction reports, Information booklets Persuasive poster, warning posters, speech bubbles, letters of advice, certificates</i>	<i>List poems, non-chronological reports (animals), chron reports (life-cycles), character description, protest signs, List of rules, letters, postcards, character descriptions</i>	<i>Thought and speech bubbles, diaries, letters, certificates, non-chronological report, Story sequels Questions, speech bubbles, letters, lists</i>	<i>Setting descriptions, additional scenes, description of magical piece of furniture, lists, Writing in role, commands, 'how to' guides, fact files</i>	<i>Setting & character descriptions, labels, diaries, postcards, captain's logs, instructions, dialogue, fantasy Labels, captions, character comparisons, thought and speech bubbles, fact files</i>
MATHS	Year 1- Number and place value Length and mass Addition and subtraction	Year 1- Sequencing and sorting Fractions Capacity and volume	Year 1- Number and place value Mass 2D and 3D shapes	Year 1- Length and mass Addition and subtraction Fractions	Year 1- Number and place value Addition and subtraction	Year 1- Time Multiplication and division Statistics and calculation



	2D and 3D shapes	Money Time	Counting and money Multiplication Division	Position and direction Time	Capacity and volume Fractions Position and direction Shape	Measurement Sorting and sequencing
	Year 2- Number and place value Length, height and mass Addition and subtraction Shape	Year 2- Time Counting, multiplication and sorting Statistics Fractions Capacity and volume Money	Year 2- Number and place value Measurement Addition and subtraction Money Multiplication and division	Year 2- Length Addition and subtraction 2D and 3D shape Fractions, position and direction Time	Year 2- Number and place value Statistics Addition and subtraction Capacity and volume Temperature Fractions Time, position and direction Shape	Year 2- Mental addition and subtraction Multiplication and division Statistics and calculation Measurement
	<i>Counting, numerals, comparing, quantity, groups, tens, represent, find, one more/ less, height, length, mass, measure, number bond, solve, one step, add, ones, subtract, circles, triangles, square rectangle, oblong rectangle, sphere,</i>	<i>Fives, twos, repeating pattern, criteria, sort, part, whole, equal parts, fraction, one half, One quarter, language, record, capacity, 1p, 2p, 5p 10p, 20p, value, Amount, order, price, days of the week, months, duration, time, O'clock, half past, quarter to, quarter</i>	<i>Count to, count back, compare, order, 10 more/ less/ fewer, position, number line, measure, mass, circle, triangle, square rectangle, oblong rectangle, sphere, pyramid, cube, cuboid, sort, twos, fives, 10s, coins, notes, equal groups, double,</i>	<i>Measure, record, length, height, mass, represent, addition facts, subtraction facts, part, whole, one digit, missing number, half, even, odd, quarter, capacity, volume, whole turn, half turn, direction, position, describe, sequence, time, hour, half hour,</i>	<i>Identify, compare, position, number line, 10 more/ less/ fewer, base ten, missing number, partition, 2 digit, capacity, volume, half, quarter, shape, quantity, quarter turn, three quarter turn, position, ordinal numbers, time, 2D, 3D, reason, recognise,</i>	<i>Hour, half hour, problems, multiplication, division, groups, equal, array, block diagram, information, mass, length, height, capacity, volume, 2s , 5s, 10s, sorting objects, sorting numbers, criteria, repeating pattern bridge, add, subtract</i>

	pyramid, cube, cuboid Place value, multiple, exchange, partition, most, least, compare, one digit, two digit, missing number, reason, add, subtract, 2D, 3D	past, 15 minutes, double, repeated addition, array, multiplication, pattern, sequence, table, block graph, pictogram, tally chart. Data, transfer, half, equal, set, quarter, millilitres, litres, capacity, bridge	multiplication, problem, halve, division, add, order, bead string, round, equipment, exchange, add, subtract, difference, partition, combinations, remainder, sharing, division, multiplication	centimetres, meters, exchange, symmetry, sort, quarter, turn, shape, amount, 5s, nearest 5 minutes	repeating pattern, extend number sequence, represent, partition, greater, less than, scales, reference, temperature, one third, 5 minutes clockwise, anticlockwise, vertical line of symmetry, sort and reason, arrange	Round, multiplication and division, remainder, interpret data, construct, sort, criteria, pictograms
SCIENCE	Forces & space: Seasonal Changes	Living things: Habitats	Animals including humans – Life Cycles & health	Plants: Introduction to plants	Plants: Plant growth	Making Connections: Ocean protectors
	deciduous tree evergreen tree season weather season temperature changes Celsius Report	Alive Food chain Herbivore Omnivore Carnivore Diet Energy Habitat Mammal predator	adult carbohydrates life cycle hygiene growth basic needs offspring dairy growth spawn	edible leaf stem deciduous evergreen roots seed shoot flower growth	bulb energy germinate life cycle measure nutrient observe seed shoot stem	Difference Invention Compare Scientist Predict Similarity Results Observe Table Life cycle
RE	1.1 Harvest	1.2 Creation Hinduism 1.3 Christmas	1.4 Jesus	1.5 Easter	1.7 Baptism Islam/ Sikhism	1.9 My World Jesus' World
	Harvest Harvest Festival	God Creation Genesis Pollution	Jesus Son of God Friendship Miracle	Good Friday Easter Sunday Jesus New Life	Baptism Font Christening Vicar/Minister	Jesus Jerusalem Nazareth

		<i>World Environment</i> <i>Gift</i> <i>Wise Men</i> <i>Magi</i> <i>Jesus</i> <i>Promise</i>	<i>Disciple</i>	<i>Holy Week</i> <i>Disciples</i> <i>Mary</i> <i>Resurrection</i> <i>Garden</i> <i>Tomb</i>	<i>Priest</i> <i>Godparents</i> <i>Water</i> <i>Belonging</i>	
PSHE	Being me in my world	Celebrating difference	Changing me	Dreams and goals	Healthy me	Relationships
	<i>worries, hopes, fears, belonging, rights, responsibilities, responsible, actions, praise, reward, consequence, positive, negative, choices, co-operate, learning charter, problem solving.</i>	<i>similarity, same as, different from, difference, bullying, bullying behaviour, deliberate, on purpose, unfair, included, bully, bullied, celebrations, special, unique.</i>	<i>family, belong, same, different, friends, friendship, qualities, caring, sharing, kind, greeting, touch, feel, texture, like, dislike, help, helpful, community, feelings, confidence, praise, skills, self-belief, incredible, proud, celebrate, relationships, special, appreciate.</i>	<i>proud, success, achievement, goal, treasure, coins, learning, stepping-stones, process, working together, team work, celebrate, learning, stretchy, challenge, feelings, obstacle, overcome, achieve, dreams, goals</i>	<i>changes, life cycles, baby, adult, adulthood, grown-up, mature, male, female, vagina, penis, testicles, vulva, anus, learn, new, grow, feelings, anxious, worried, excited, coping.</i>	<i>healthy, unhealthy, balanced, exercise, sleep, choices, clean, body parts, keeping clean, toiletry items, hygienic, safe, medicines, trust, safe, safety, Green Cross Code, eyes, ears, look, listen, wait.</i>
PE	FMS: Rolling a ball <i>Roll, accuracy, tactics, throw, catch, possession, attack, defend</i>	FMS: Underarm throw <i>Underarm, gallop, accuracy, target, tactic, attack, defend, throw</i>	Games: Net and wall <i>Catch, rhythm, gallop, skill, read, position, catch, accuracy, tactic</i>	FMS: Catching and Bouncing <i>Catching, accuracy, skill, tactic, opponent, technique, bouncing, dodging</i>	FMS: Kicking <i>Kick, control, accuracy, skills, opponent, defend, attack, dodge</i>	FMS: Bounce Ball <i>Bounce, control, movement, pass, target, accuracy, tactic, defend, attack</i>
	FMS: Lost and Found <i>Underarm, overarm, catch, bounce, kick,</i>	FMS: Gymnastics <i>Balance, jump, roll, finish, travel, egg roll, pencil roll, teddy</i>	FMS: Overarm throw <i>Overarm, throw, skill, accuracy, run,</i>	FMS: Dance- mini beasts <i>Theme, movement, pattern, shape,</i>	FMS: Athletics <i>Rhythm, roll, accuracy, direction, underarm, jump,</i>	FMS: End of Unit assessment <i>Underarm, overarm, distance, run, control,</i>

	<i>roll, run, jump, throw, hop</i>	<i>bear roll, sequence, travel</i>	<i>technique, tactic, opponent</i>	<i>feeling, space, link, sequence, rhythm, beat</i>	<i>distance, posture, skills, technique</i>	<i>accuracy, obstacle, speed, agility</i>
COMPUTING	Online safety: Year 2 Programming 2: Bee-bots	Programming 2: Scratch Jr	Creating media: Digital imagery	Creating media: stop motion	Data handling: Introduction to data	Data handling: international space station
	<i>account click clipart computer drag drag and drop layers log off log on mouse password predict resize screen (monitor) software tool username</i>	<i>battery buttons computer desktop electricity input invention keyboard laptop mouse output robot screen (monitor) tablet technology wire</i>	<i>algorithm artificial intelligence bug debug decompose directions input instructions order output problem virtual assistant</i>	<i>abstraction algorithm artificial intelligence bug clear correct data debug decompose error key features loop predict unnecessary</i>	<i>algorithm cells components computer create data debug distance evaluate input instructions list program save sequence share spreadsheet materials measure order photo</i>	<i>back button backspace bold copy cut delete highlight image import italics keyboard keyboard shortcut paste redo search space bar text effects touch typing underline</i>
HISTORY	What might have caused the Great Fire of London?		How have toys changed? What toys did my parents play with?		How did the Wright Brothers invent, build and fly the world's first successful aeroplane?	
	<i>Great Fire of London Samuel Pepys Diary Spread Cause Bakery</i>		<i>Toy Past Present Old-fashioned Modern Material</i>		<i>Wright brothers Invent Aeroplane Flight Propeller Engine</i>	

	<i>Fire hooks Drought Wooden houses Sources</i>		<i>Wood Plastic Clockwork Battery</i>		<i>Wings Glider Kitty Hawk Experiment</i>	
GEOGRAPHY	What is it like here?		What is the weather like in the UK?		What can you see at the coast?	
	<i>aerial photograph, aerial view, atlas, city, country, directional language, distance, features, globe, improve, key, land, locate, location, map, north, place, questionnaire, sea, survey, symbol, town, village, atlas,</i>		<i>autumn, direction, east, England, Europe, Higher Walton, Lancashire, map, north, Northern Ireland, Place, Preston, Scotland, season, south, spring, summer, United Kingdom, Wales, weather, west, winter</i>		<i>aerial photograph, Blackpool, capital city, city, cliff, coast, coastline, continent, country, data collection, fieldwork, island, harbour, human feature, lake, Lancashire, landmark, location, locate, Lytham, ocean, physical feature, pictogram, pier, river, sand dunes, sea, tally chart, tourist, town, village</i>	
ART	Sculptures and 3D: Paper play		Painting and mixed media: colour splash		Sculpture and 3D: Clay houses	
	<i>Carving, Mosaic, Imagine, Carving, Mosaic, Imagine, Loop, Tube, Concertina, Overlap, Spiral, Three dimensional (3D), Cylinder, Sculpture</i>		<i>Shade, Primary colour, Secondary colour, Pattern, Mix, Blend, Print, Shape, Kaleidoscope, Texture, Space, Thick</i>		<i>Imaginary, Inspired, Landmarks, Felt, Fibre, Viewfinder, Abstract, Stained glass, Gallery</i>	
DESIGN TECHNOLOGY	Structures: Constructing windmills		Mechanisms: Fairground wheel		Textiles: Puppets	
	<i>Axle, Base, Centre, Design, Evaluate, Rotate, Blades, Sails, Stable, Strong, Structure, Wind, Windmill</i>		<i>Axle, Decorate, Evaluation, Ferris wheel, Mechanism, Waterproof, Weak</i>		<i>Decorate, Design, Fabric, Glue, Model, Hand puppet, Safety pin, Staple, Stencil, Template</i>	
MUSIC	All About Me	Tempo (snail and mouse)	Pitch and tempo (Superheroes)	Pitch (Musical Me)	Singing (on this island)	Instruments,(musical storytelling)
	<i>Pulse, singing voice, speaking voice, thinking voice.</i>	<i>Beat, fast, slow, warm up</i>	<i>High, low, pattern, performance, pitch, tempo</i>	<i>Dot, low, notation, phrase, pitch, stave</i>	<i>Composer, composition, dynamics, inspiration, pitch</i>	<i>Dynamics, encore, instrumental sound, sound effect tempo</i>