



Copley Junior School
'Believe, Achieve, Succeed'



Year 5 Long Term Plan Overview 2019-2020 – Copley Junior School

Year 5	Imaginative Learning Project 1	Imaginative Learning Project 2	Imaginative Learning Project 3	Imaginative Learning Project 4	Imaginative Learning Project 5
	Autumn term 1	Autumn term 2	Spring 1	Spring 2/Summer 1	Summer 2
Year 5 Project Titles	Stargazers	Pharaohs	Time Traveller	Alchemy Island	Beast Creator
<p>Imaginative Learning Project Overview</p>	<p>Journey through space, the final frontier... Navigate beyond the Sun, the magnificent, blazing star at the centre of our solar system!</p> <p>Investigate the eight planets - Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. Take a look at the Moon, a celestial body that orbits Earth.</p> <p>Programme a 'rover' to traverse a lunar landscape and work scientifically to investigate gravity... and what happens when there is none! Compare the time of day at different places on the Earth and use GPS satellite navigation systems to track hidden treasure! Get in a spin, making simple models of the solar system and listen to the haunting sounds of space-themed songs.</p> <p>Then it's three, two, one... BLAST OFF! Build and launch a</p>	<p>Let's travel back 5000 years to the dusty realms of ancient Egypt. Cruise along the Nile, entering a world of mysteries and curses, mummies and kings.</p> <p>Find out about life on the river's fertile banks, discovering Egypt and its fascinating culture.</p> <p>Unravel the secrets of ancient tombs, using historical sources and age-old artefacts. Find out about powerful pharaohs and grandiose gods! Make yourself a nemes and you'll really look the part!</p> <p>Become an apprentice and work for Ramose; he's the chief embalmer at the Beautiful House. Help him prepare a body for its journey into the afterlife.</p> <p>Now open the doorway to ancient Egypt - who knows what treasures you will find?</p>	<p>Tick, tock, tick, tock... the hands on the clock never stop. From the moment we are born, from toddler to teen, middle age to elderly, time stops for no man.</p> <p>Find out what happens to our bodies and brains as we grow older, and how we cope with these changes.</p> <p>How long does a human baby take to grow inside the womb? Does it take longer than an elephant calf? Or a kitten?</p> <p>Take a good look at yourself... How has your face changed since you were a baby and how will it change as you grow older? Can you photograph it, change it, age it?</p> <p>And what would happen if the clock struck 13? In 'Tom's Midnight Garden', he travels to the past. What an adventure! Imagine you could time travel too: where would you go and what would you like to see? Will you head back to your</p>	<p>It's time to suspend your disbelief and open your mind. We're going on a magical journey to Alchemy Island!</p> <p>Can you find the gold hidden deep in the Island's mysterious landscape? The only way is to study the map, unravel the riddle and begin your adventure.</p> <p>On the way, you must do all you can to learn about gold and master the ancient art of alchemy. Be creative and try to impress the Island's team of ace alchemists! Will they praise your scientific expertise?</p> <p>You've got your map, co-ordinates, and everything else you need to make your way across Alchemy Island. Don't forget to pack your imagination!</p> <p>Got your suitcase ready? Then let the journey begin...</p>	<p>A bug, a creepy-crawly, a beast! He'll tickle your skin then go in for the sting!</p> <p>Arachnids, invertebrates, molluscs and myriapods, hiding in nooks and beneath darkened rocks... Come search for these minibeasts, and let's sort them out! How many legs? How many wings? Who does it eat and who eats it? Can you classify it? Can you draw it or make it?</p> <p>Build a bug hotel or a wonderful wormery - then watch them wriggle and burrow, mixing earth as they go!</p> <p>Discover where in the world you'll find the deadliest beasts - scorpions, ants and venomous spiders... perhaps the <i>Vespa mandarinia japonica</i> is the one that you fear?</p> <p>Why not become a 'Beast Creator'? Selectively breed a killer predator that saves the world from the super-strong aphid. You'll be a hero!</p>



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	rocket for an important test mission. Exploring space is probably the greatest adventure that humankind has ever undertaken. Are we alone or are there other life forms out there?		past or into your future? You decide. Tick, tock, tick, tock... the hands on the clock never stop!		
NATIONAL CURRICULUM COVERAGE - SUBJECT BY SUBJECT					
	Autumn term 1	Autumn term 2	Spring 1	Spring 2/Summer 1	Summer 2
Year 5 Project Titles	Stargazers	Pharaohs	Time Traveller	Alchemy Island	Beast Creator
ILP Focus	Science	History	Art and Design	Science	Science
Engage Activity Visits/Visitors * = Discrete Study	Top Secret - so we don't spoil the surprise!	Top Secret - so we don't spoil the surprise!	Top Secret - so we don't spoil the surprise!	Top Secret - so we don't spoil the surprise!	Top Secret - so we don't spoil the surprise!
English (also see Year 5 English Overview)	Newspaper Reports Non Chronological Reports Diary	Playscripts Narrative Non Chronological Reports - Explanations	Narrative - Fantasy	Adventure/Mystery Stories Instructions Non Chronological Reports Poetry	Persuasive Texts - Leaflets Non Chronological Reports Explanations
Cross Curricular Maths (also see Maths Curriculum Overview for each Year Group for Discrete Study)	Problem Solving Using Measures Planets - Measuring Proportion Scale	Time	Time Interpreting Data	Converting between different units of Metric Measure	Measurement Statistics
Science	Earth and Space Forces Gravity and Friction Light and Shadows Working Scientifically		Life Cycles of Humans, Mammals, Insects and Birds Reproduction of Plants and Animals Working Scientifically	Properties and Changes of Materials Working Scientifically	Living Things and their Habitats Anatomy of Mini-Beasts Grouping Living Things Food Chains Classification Keys



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			Famous Scientists - Copley Medal (Local Study)		Working Scientifically
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Computing * = Discrete Scheme of Work for Computing	Stop Frame Animation Data Logging We are Toy Cryptographers	We are Architects	Digital Portraits Online Research We are Artists	Digital Photography Debugging Programs Gaming and Programming We are Game Developers We are Bloggers	Research and Presentation We are Web Developers
History * = Discrete Study	Significant Individuals Galileo Galilei, Isaac Newton 1960s Space Race	Ancient Egypt	Changes over the Last Century	Local History Study Famous Scientists - Copley Medal	
Geography	Locating Physical Features	Human and Physical Features of Egypt The River Nile Tourism		Changes in the Local Community Local Field Work Map Reading Using Co-Ordinates Human and Physical Features	Local Field Work Contrasting Locations
Art and Design		Drawing Artefacts Hieroglyphic Amulets Canopic Jars	Photography Great Artists - Andy Warhol, Salvador Dali; Collage		Drawing Perspectives
Design Technology	Selecting Materials Design Research Structures	Egyptian Food Canopic Jars	Selecting Materials Creating Clocks	Designing a Board Game	Model Making
Music	Space Inspired Music and Lyrics	Concert and Performance	'Young Voices' Concert	Composing Recording Software	



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P.E. * = Discrete Study	See discrete P.E. Scheme of Work	Dance Also see discrete P.E. Scheme of Work	Timing Physical Activity Competitive Games Attack and Defence Skills Swimming Also see discrete P.E. Scheme of Work	Orienteering OAA Swimming Also see discrete P.E. Scheme of Work	Athletics Swimming Also see discrete P.E. Scheme of Work
R.E. * = Discrete Study	See discrete R.E. Scheme of Work	See discrete R.E. Scheme of Work	See discrete R.E. Scheme of Work	See discrete R.E. Scheme of Work	See discrete R.E. Scheme of Work
PSHCE * = Discrete Study	Also see discrete PSHCE Scheme of Work	Moral Issues Customs and Beliefs Role-Playing Egyptian Citizens See discrete PSHCE Scheme of Work	Body Changes Approaching Puberty Meeting and Talking with People Reflecting on Spiritual, Moral, Social and Cultural Issues	Robinwood Residential Visit - Setting Personal Targets; Feeling Positive Also see discrete PSHCE Scheme of Work	Debating Ethical Issues See discrete PSHCE Scheme of Work
MFL (French) * = Discrete Study	See MFL Scheme of Work	See MFL Scheme of Work	See MFL Scheme of Work	See MFL Scheme of Work	See MFL Scheme of Work
Links to International Study	Contributions to Space Exploration - The Great Space Race Pen Pal Links with St Joseph in Carquefou	Life in other cultures Ancient Civilisations (World History) Pen Pal Links with St Joseph in Carquefou	Artists from around the World Pen Pal Links with St Joseph in Carquefou	Pen Pal Links with St Joseph in Carquefou	Geographical Locations of Insects and Mini-Beasts around the World Pen Pal Links with St Joseph in Carquefou



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Enterprise Opportunity (one per year)			Making Clocks Cost of products - profit and loss.		
Innovate Challenge	Space Rocket Our 'innovate' challenge provides pupil-led opportunities to apply new skills and knowledge to achieve an exciting learning outcome.	A Task from Ramose Our 'innovate' challenge provides pupil-led opportunities to apply new skills and knowledge to achieve an exciting learning outcome.	Welcome to my portal, time travellers! Our 'innovate' challenge provides pupil-led opportunities to apply new skills and knowledge to achieve an exciting learning outcome.	Board Game Challenge Our 'innovate' challenge provides pupil-led opportunities to apply new skills and knowledge to achieve an exciting learning outcome.	Mission: Beast Creator Our 'innovate' challenge provides pupil-led opportunities to apply new skills and knowledge to achieve an exciting learning outcome.
Express Event	Design and launch space rockets	Year 5 Concert - Performance for pupils and parents	Children to dress up as a child from a chosen era; travel through the tardis to give a presentation to their class about their chosen time period	Parent/Carer Event - 'Dragons Den' presentation of game designs followed by time to play the children's board games	Parent/Carer Event - Political debate with pupils representing different mini-beasts: which is the most successful minibeast?
Curriculum Enrichment	Times Tables Rock Star Launch Harvest Festival Young Shakespeare Theatre Visit Extra-Curricular Offer	Children in Need Anti-Bullying Week Remembrance Day Christmas Concerts Christmas Service at St Mary's Church Extra-Curricular Offer	Young Voices Concert Safer Internet Week RSPB Big Schools' Garden Watch World Book Day Extra-Curricular Offer	Residential Visit to Robinwood Spelling Bee Careers Week Sporty Week Opera North Concert Extra-Curricular Offer	Sports Afternoon Times Tables Rock Star 'Rock Wrangle' Maths Investigation Week Talent Show Extra-Curricular Offer