

Overview of learning themes

Year 5	Explosions, rumbles, water and heights	From Farming to Machines	Inventors and Storytellers	
Our World – Our Possibilities – Expressing Ourselves	Humanities	Name and locate countries and cities of the world and identify their physical characteristics including: <ul style="list-style-type: none"> - Mountains - Rivers - Volcanoes - Earthquakes and describe the diversity of climate zones in these areas Use geographical language to describe similarities and differences in these countries Use photographs and topographical maps Explain physical processes that cause the creation of mountains and rivers	Compare and contrast pre and post industrialisation during the Victorian era through: <ul style="list-style-type: none"> - Inventions - Society (laws) - Culture and pastimes - Children’s lives - Artefacts and primary sources of evidence - People – Queen Victoria - British Empire 	Investigate the rise of the Ancient Islamic Civilization and it’s impact on the world through: <ul style="list-style-type: none"> - Society - Beliefs - Settlements - Mesopotamia - Artefacts - Culture and Pastimes - Trade and transport (Silk Route) - Comparing with Ancient Greece, Egypt and Rome
		Compare and contrast: <ul style="list-style-type: none"> - Land use - International trade - UK transport routes - Population density and diversity 	Locate Asia and countries within using maps and geographical language. Compare population size Map the Silk Roads and describe trade routes	
	Art	Artist Study: Robert McCall. Use bright and vivid colours to create a feeling of wonder and excitement with a focus on the natural world	Artist Study: Lowry Use pencil and charcoal to sketch. Produce own painting of Derby workers in the same style	Work with clay to create tile and use painting techniques to imprint with geometric design in the style of ancient worlds.
	Music	Derby Cathedrals in Schools Vocal skills, musical terms, choral singing and musical notation leading to a performance in Derby Cathedral		
	D&T	Investigate pulleys and cams. Design, make and evaluate a vehicle with a drive pulley	Investigate cams and followers. Design and make a toy for a younger child or a model that shows a piston turning a wheel.	Investigate different types of bread. Apply knowledge of techniques, ingredients and process to make flatbreads and evaluate product.
	Science	Life cycles and processes Earth rotation and solar system	Investigate and group materials Investigate gravity and drag forces, use levers, pulleys and gears	Describe the changes in humans over time Investigate separation and filtering of materials
	French	Vocabulary to describe the weather and present a weather forecast in French	Name and describe the planets Link	homes vocabulary to previously learnt phrases to talk about our lives
	PSHE	Being Me: set goals, rights and responsibilities Celebrating Differences: explore culture and relate to racism and its impact.	Dreams and Goals: Jobs and cultural differences. Future aspirations Healthy Me: complete Mini First Aid course, healthy lives, online portrayal of others	Relationships: Complete the GREAT project and keeping safe online. Changing Me: Social media pressure. Puberty, sex education
	PE	Basketball; Handball Gymnastics Outdoor Athletics	Hockey Dance Drumba	Rounders; multiskills Yoga Orienteering
	Computing	Information Tech: Rules for using tech; online reputation – evaluate information /bullying (banter) Digital Literacy : Search engine networks; video production	Computer Science: Programming – data sensors/ quizzes Information Tech : Online relationships - communication; Using the work of others - copywrite	Computer Science: Data handlers Information Tech: Responsible choices; private information; evaluate digital content Digital Literacy: Databases – Flat File
RE Derby Agreed Syllabus	Why do people have to stand up for what they believe in? Why doesn’t Christianity always look the same?	What happens when we die? (Part 1) What happen when we die? (Part 2)	Who should get ti be in charge? Why are some places in the world significant to believers?	

