

Year 3 Curriculum Objectives 2017 – 2018: Term 4

School Value focus	<i>Individual Liberty</i>		
Overview of term across the school	Science: <i>Forces/Electricity/WS</i>	DT	
	Computing: <i>Multimedia and Communication</i>	E-Safety: <i>Conduct</i>	

WRITING – LITERACY TREE/TEXTS Iron Man	MATHS Busy Ants Book 3B
SCIENCE Forces and magnets Compare how things move on different surfaces. Notice that some forces need contact between two objects, but magnetic forces can act at a distance. Observe how magnets attract or repel each other and attract some materials and not others. Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials. Describe magnets as having two poles. Predict whether two magnets will attract or repel each other, depending on which poles are facing. Working Scientifically 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, including thermometers and data loggers gathering, recording, classifying and presenting data in a variety of ways to help in answering questions 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 presentations of results and conclusions using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions identifying differences, similarities or changes related to simple scientific ideas and processes using straightforward scientific evidence to answer questions or to support their findings.	DT Technical Knowledge Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Evaluate Investigate and analyse a range of existing products Understand how key events and individuals in design and technology have helped shape the world Design Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design Make Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately 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 Evaluate Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
COMPUTING IT-Multimedia and Communication Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information: Audio/Music, Presentation, Data Handling, E-Safety: Conduct (How you behave) Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact	
PSHE Dot Com: Lessons 10-12 D and A: To know the effects of smoking on the body. To understand the impact of smoking and passive smoking	PE Athletics and Dance
RE Hinduism - Unit 1 To know the Hindu beliefs about God (compare to the faiths they already know about - Christianity, Islam and Judaism) To know the different ways that (deities) are represented such as Rama, Ganesh and Lakshmi. To know that The Ramayana is the source of stories about Rama. The story of Rama and Sita is recalled at Diwali. To know about the Festival of Diwali. Festival foods. Worship of Lakshmi and Ganesh. Respect is shown during worship by removing shoes and sitting on the floor.	