

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Main Topic	A Child's War		Frozen Kingdoms		Hola Mexico!	
English	Letters; Diaries; Persuasive posters; Narrative dialogue; Speeches		Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives		Invitations; Postcards; Instructions; Myths and legends; Poetry	
Maths	Place Value; Addition, Subtraction, Multiplication & Division; Fractions; Converting Units.		Ratio; Algebra; Decimals; Fractions, Decimals & Percentages; Area, Perimeter & Volume; Statistics.		Shape; Position & Direction, Problem Solving; Consolidation.	
Science	Light Theory: Light facts; How light travels; Light, sight and the human eye; Visible light; Perceiving colour; Shadows; Reflections; Plane, concave and convex mirrors; Measuring light; Refraction; Working scientifically – Identifying and classifying, Comparative tests, Pattern seeking, Research	Electrical Circuits and Components- Series circuits; Circuit components; Recognised circuit symbols; Investigating circuit components; Electric current; Voltage; Researching cells and batteries; Investigating voltage changes	Evolution & Inheritance: Five kingdoms, microorganisms and viruses; Classifying fossils; Theory of evolution and evolutionary tree diagrams; Inheritance and variation – continuous and discontinuous variation; Natural selection and survival of the fittest; Adaptations in birds' beaks; Adaptations in plants; Artificial selection; Testable hypothesis; Working scientifically – Identifying and classifying, Comparative test, Pattern seeking, Research	Our Changing World- Features of Earth including the Arctic and Antarctic Circles; Time zones, Latitude and longitude; Map scale; Grid references, contours and symbols; Climate change, extreme weather and people; Worldwide trade; Natural resource management	Circulatory System: – role and main parts; Heart – structure and function; Blood – components and functions; Blood vessels – structure and function; Measuring heart rate; Proving a hypothesis; Heart rate investigation; Classifying foods; Effects of smoking, alcohol and drugs; Heart rate recovery investigation; Working scientifically – Identifying and classifying, Comparative test, Pattern seeking, Research	SCI Skills prep for RGS
Art & Design	Distortion & Abstraction: Abstraction by line, colour and shape; Pablo Picasso, Robert Delaunay and Sonia Delaunay; Orphism	Bees, Beetles & Butterflies: Using sketchbooks; Observational drawing; Mixed media collage; Pop Art	Inuit: Printmaking; Carving	Environmental Art: Recycled, reused and repurposed materials		Colour & Style: Colour theory; Colour palettes and art movements; Generating ideas for a painting with personal meaning

Design Tech	Make Do & Mend: Investigating clothing; Sewing – running stitch, whip stitch and blanket stitch; Repairing clothes; Making products from recycled materials		Engineer: Significant engineers and bridges; Features of bridges; Strengthening techniques; Iterative design; Building prototypes		Food for Life: Whole foods; Processed foods; Making healthy meals; Hygiene and safety	
History	World War 2		Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton; Significant events – Titanic		Ancient Mayans	
Geography	Human geography; Cities of the UK		Arctic and Antarctic regions; Lines of latitude and longitude; Polar climates; Polar day and night; Polar oceans; Polar landscapes; Climate change; Natural resources; Indigenous people; Tourism		Mapwork; Human & Physical Geography of Mexico; compare to IOM	
Music	Music of WWII		Theme & Variation (Pop Art)		Film music, Mexican music; Musical notation	
PSHE	Family & relationships: Identifying ways to resolve conflict through negotiation and compromise, the children consider the importance of respect in the friendships and relationships. In addition, they begin to recognise the process and emotions relating to grief.	Health & Wellbeing: The children explore screen time and the effect on their physical and mental health. In addition, they consider strategies for being resilient in challenging situations, how to plan for long-term goals and the facts around immunisation.	Citizenship: Developing their understanding of human rights, the children learn to identify discrimination as well as the importance of diversity and national democracy.	RSE:	Economic Wellbeing: Exploring career paths and the variety of different jobs available.	Identity: Learning about personal identity and body image. Transition to secondary school.
ICT	Computer systems & Network – Bletchley Park	Online Safety	Big Data 1	Big Data 2	Exploring AI	Computer skills for RGS – Team, email etc
PE	Badminton	Gymnastics	Tag Rugby	Athletics		Cricket
RE		Early Christianity in the IOM – Stone Crosses		How people express their faith through the arts.		Religious texts – the Bible & the Qur'an
Additional	Junior Achievement Young Engineers	Christmas Concert	First Aid		UK residential trip RGS transition Crucial Crew	RGS transition Leavers Assembly

