










Lytham CE: Key Learning in Science, 2025-26

Document Key:		
 British Values	 Christian Values	 Golden Threads
Biology	Chemistry	Physics
ENQUIRY: Elements of Working Scientifically (SEERIH). The type of ways to find out / answer a question.		Skill: The science skill being developed through scientific investigation (TAPS). The practical skills – doing the science.

Autumn 1

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Animals, inc Humans	Animals, inc Humans	Plants	Living Things and their Habitats	Animals, inc <u>Humans</u> Skeleton & Muscles	Animals, inc <u>Humans</u> Digestive System	Living things and their Habitats Reproduction and Life Cycles (Animals inc Humans)	Evolution & Inheritance
  	The Rule of Law (be responsible) Love Respect Vocabulary Diversity Locality	Mutual Respect Love Respect Vocabulary Diversity Locality	The Rule of Law (be responsible) Individual Liberty Love Respect Thankfulness Vocabulary Locality Resilience	The Rule of Law (be responsible) Respect Determination Resilience Vocabulary	Mutual Respect Respect Determination Diversity Vocabulary Resilience	Individual Liberty The Rule of Law (be responsible) Respect Determination Resilience Vocabulary	The Rule of Law (be responsible) Mutual Respect Respect Resilience Vocabulary Diversity	The Rule of Law (be responsible) Respect Determination Diversity Vocabulary Resilience




Autumn 2

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Light (inc intro to Electricity)	Light	Animals, inc Humans	Materials	Rocks and Fossils	Material Properties & Material Changes	Forces	Living things and their Habitats Grouping and Classifying
  	Individual Liberty The Rule of Law (be responsible) Respect Determination Resilience Vocabulary Diversity	The Rule of Law (be responsible) Respect Thankfulness Resilience Vocabulary Locality	The Rule of Law (be responsible) Mutual Respect Respect Vocabulary Locality	The Rule of Law (be responsible) Determination Resilience Vocabulary	Individual Liberty The Rule of Law (be responsible) Respect Determination Resilience Vocabulary Locality	The Rule of Law (be responsible) Mutual Respect Respect Determination Resilience Vocabulary Diversity	The Rule of Law (be responsible) Individual Liberty Determination Resilience Vocabulary Diversity	The Rule of Law (be responsible) Mutual Respect Respect Determination Resilience Vocabulary Diversity


Spring 1

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Animals, inc Humans	Materials / Changing Materials	Plants / Seasonal Change (intermittent) Materials <small>(main topic – focus on objects, materials, properties)</small>	Animals, inc Humans Basic needs; Keeping healthy	Animals, inc Humans Nutrition	Material Properties & Material Changes (continued)	Earth and Space	Animals, inc Humans Circulatory system; Effects of exercise
  	The Rule of Law (be responsible) Mutual Respect Respect Love Thankfulness Vocabulary Locality Diversity	The Rule of Law (be responsible) Respect Thankfulness Resilience Vocabulary Locality	The Rule of Law (be responsible) Individual Liberty Love Respect Thankfulness Vocabulary Locality Resilience	The Rule of Law (be responsible) Individual Liberty Love Respect Thankfulness Vocabulary Resilience	The Rule of Law (be responsible) Individual Liberty Love Respect Thankfulness Vocabulary Resilience Diversity	The Rule of Law (be responsible) Mutual Respect Respect Determination Resilience Vocabulary Diversity	Determination Vocabulary Locality Resilience	The Rule of Law (be responsible) Individual Liberty Love Respect Thankfulness Vocabulary Resilience Diversity


Spring 2

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Plants	Living Things and their Habitats	Plants / Seasonal Change (intermittent) Materials (main topic – focus on testing properties of materials)	Animals, inc Humans Survival; Offspring/ Growth; Food Chains	Forces & Magnets	Sound	Properties & Changes of Materials Thermal Insulation and Testing Material Properties	Animals, inc Humans Keeping healthy; Diet & Lifestyle
  	The Rule of Law (be responsible) Mutual Respect Respect Love Service Thankfulness Vocabulary Locality Diversity Resilience	The Rule of Law (be responsible) Respect Thankfulness Resilience Vocabulary Locality Diversity	The Rule of Law (be responsible) Individual Liberty Respect Vocabulary Locality Resilience Diversity	The Rule of Law (be responsible) Respect Vocabulary Diversity	The Rule of Law (be responsible) Determination Vocabulary Diversity Resilience	The Rule of Law (be responsible) Determination Vocabulary Diversity Resilience	The Rule of Law (be responsible) Respect Determination Resilience Vocabulary Diversity	The Rule of Law (be responsible) Individual Liberty Mutual Respect Love Determination Honesty Thankfulness Respect Resilience Vocabulary

Summer 1

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Living Things & their Habitats	Animals, inc Humans	Animals, inc Humans	Plants	Plants	Electricity	Properties & Changes of Materials Material Properties – Reversible Changes	Electricity
	The Rule of Law (be responsible) Mutual Respect Respect Love Service Thankfulness Vocabulary Diversity Resilience	Mutual Respect Respect Vocabulary Diversity	Respect Vocabulary Diversity Resilience	The Rule of Law (be responsible) Mutual Respect Respect Determination Service Vocabulary Resilience	The Rule of Law (be responsible) Respect Determination Service Vocabulary Resilience	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Resilience	The Rule of Law (be responsible) Respect Determination Resilience Vocabulary Diversity	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Resilience

Summer 2

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Unit	Animals, inc Humans	Forces	Plants	Living Things and their Habitats	Light	Living Things and their Habitats	Properties & Changes of Materials Material Properties – Irreversible Changes	Light
				Plants Harvesting & Cooking			Living Things and their Habitats Reproduction and Life Cycles (Plants)	Materials
	The Rule of Law (be responsible) Respect Vocabulary Resilience	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Resilience Diversity	The Rule of Law (be responsible) Determination Vocabulary Resilience Locality Diversity	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Diversity Locality	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Resilience	Individual Liberty Determination Vocabulary Resilience	Determination Vocabulary Resilience	The Rule of Law (be responsible) Individual Liberty Respect Determination Vocabulary Resilience

	EYFS - UTW	Year 1 - NC
Seasonal Change (ongoing, throughout the year)	Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them.	To observe changes across the four seasons. Observe and describe the weather associated with the seasons and how day length varies.