Glynne Primary School – Science Curriculum Overview

	Cycle 1				Cycle 2			
	Autumn	Spring		Summer	Autumn	Spring		Summer
Phase 1/2	**Turrets and Tiaras**	**Out of Africa**		**Honey, Honey**	**Into the woods**	**Flying High**		**Beside the Sea**
Investigation Booklet and its Working Scientifically Focus	Identify/compare materials **Identify, group, classify**	Food chain/structure of animals **Research**		Plants – how seeds and bulbs grow **Observe over time**	Habitats **Pattern seek**	Changing shapes of materials **Comparative/fair test**		Changes from offspring to adults **Problem solve**
Scientist/ Engineer Focus	Technological advances – war	Jane Goodall		Henry Capel (Kew Gardens)	Rachel Carson	Leonardo Da Vinci		Jacques Cousteau
Enrichment Opportunity	Dudley Zoo and Castle		BSW	Sandwell Valley Bee keeper	Ridge Woods Forest School	RAF Cosford – forces in STEM	BSW	
Phase 3/4	**Ice Worlds**	**London Calling**		**Rainforest Adventure**	**Storms & Shipwrecks**	**The Invaders**		**Wild Water**
Investigation Booklet and its Working Scientifically Focus	Forces **Comparative/fair test**	Sound/Electricity **Research**		Plants **Observe over time**	Teeth **Problem solve**	Rocks **Identify, group, classify**		Living things and habitats **Pattern seek**
Scientist/ Engineer Focus	Robert Scott	Bell, Edison, Brunel		David Attenborough	Alexander Fleming, Edward Jenner	James Hutton		Robert Hooke
Enrichment Opportunity	Sea Life Centre	Bridge building, Blists Hill	BSW	Rainforest/animal man, hot seat rainforest company reps			BSW	Butterflies, Dudley Canal Trust
Phase 5/6	**Reach For the Stars**	**Tudor Treasures**		**Stones and Bones**	**Ancient Civilisations**	**We'll Meet Again**		**Voyage of Discovery**
Investigation Booklet and its Working Scientifically Focus	Earth and space **Research**	Changes of state **Observe over time**		Forces **Pattern seek**	Materials – use of everyday materials **Comparative/fair test**	Light **Problem solve**		Common, observable characteristics **Identify, group, classify**
Scientist/ Engineer Focus	Galileo, Copernicus etc. Mai Jemison	Ruth Benerito		Archimedes	Robert Oppenheimer Isaac Newton	Stephanie Kwolek		Darwin/Wallace Marry Anning
Enrichment Opportunity			BSW	Animals including humans - focus week			BSW	Wren's Nest