Working Scientifically						
 Planning: Plan and think ahead about how they will explore or play with objects Know more, so feel confident about coming up with their own ideas and then make more links between those ideas. Use talk to help work out problems and organise thinking and activities. 		 Observing/obtaining evidence: Learn new vocabulary. Listen attentively and respond to what they hear with relevant questions/comments Talk about what they see, using a wide vocabulary Explore how things work Use a range of tools competently, safely and confidently 		 Recording: Participate in discussions, offering their own ideas, using recently introduced vocabulary Make observations and draw pictures 		 <u>Concluding:</u> Explain how things work and why they might happen Use and understand recently introduced vocabulary during discussions Express their ideas and feelings about their experiences Offer explanations for why things might happen, making use of recently introduced vocabulary
Language Enrichment Research centre- question/ experiment of the week promoting language Tuff tray- exploring materials and scientific concepts Getting children to act out new vocabulary words Using sentence stems	Researce experim Tuff tra and sci	Hand Experiences Purpose / Life ch centre- question/ Experimenting nent Exploring uy- exploring materials Discovering for the through explore cientific equipment Tuff trays Continuous prov Continuous prov		themselves ation	numerals. (Number) Can compare quantities 'fewer than'. (Number)	is/her own symbols and marks as well as s using language such as; 'more than', between objects relating to size, length, umerical Patterns)

Biology							
 Plants: Plant seeds and care for growing plants Understand the key features of the life cycle of a plant Explore the natural world around them-describe what they see, hear and feel while outside Explore the natural world around them- making observations and drawing pictures of animals and plants 			including Humans: to understand the need to respe the natural environment and all		 Living Things and their Habitats: Understand the key features of the life cycle of an animal Recognise that some environments are different to the one in which they live Know some similarities and differences between the natural world around them and contrasting environments 		
Language Enrichment	First Hand Experie		Purpose / Life SkillsLooking after your body	Previou	s Knowledge		
Body part songs Learning animal names with	Exploring our own bodies Drawing around our bodies Lookig for animal habitats Visiting a farm		Brushing your teeth Healthy eating	Explores collections of materials with similar and/or different			
actions			Looking after animals/ pets What animals eat	properties. (The Natural World) Plants seeds and cares for growing plants. (The Natural World) Understands the key features of the life cycle of a plant and an animal. (The Natural World)			

	Growing sunflowers and potatoes	

Chemistry				
Everyday Materials:Use all their senses in hand	ls-on exploration of natural mate	erials	 States of Matter: Understand some important processes and changed in the natural world 	
 Explore collections of materials with similar and/or different properties Talk about the differences between materials and the changes they notice 			around them, including changing states of matter	
			fo Skille	Drovious Knowledge
Language Enrichment Using language around similarities through different objects Curiosity cube Weather singalong	First Hand Experiences Feezing, making reactions Floating and sinking experiences Collecting different natural materials	Purpose / Li Cooking Mixing Creating differe through manipu	nt materials	Previous Knowledge Talks about the differences between materials and changes he/she notices. (The Natural World) Explores collections of materials with similar and/or different properties. (The Natural World)

Physics						
around them, including the sea			 Forces and Magnets: Explore and talk about the different forces they can feel 			
Understand the effect of changing seasons on the natural world them						
Language Enrichment	First Hand Experiences Purpose / Li			Previous Knowledge		
Weather signalong Curiosity cube Research centre question Talk tasks	Exploradome Learning about Tim Peake Transporting water/ using different containers Experiencing weather changes Using magnetics and other	Applying knowl world- choosing equipment/clot Selecting the rig	g the correct thes for weather	Explores and talks about different forces he/she can feel. (The Natural World) Explores collections of materials with similar and/or different properties. (The Natural World)		
Naming weathers and seasons	resources					



Songs		