

Subject: Science	Year group: Year 3	Topic: Plants	Initiation & activation activities:
Prior knowledge required: <ul style="list-style-type: none"> observe and describe how seeds and bulbs grow into mature plants find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. 		Vocabulary: Helping plants grow well plants light warmth water leaves roots stem grow growth height trunk nutrients pollination dispersal	
Programme of Study	Implementation:	Impact –lesson sequence	Evaluations and assessments
Pupils should be taught to: <ul style="list-style-type: none"> identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant investigate the way in which water is transported within plants explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. 	Can they identify and describe the functions of different parts of flowering plants? (roots, stem/trunk, leaves and flowers)? Can they explore the requirement of plants for life and growth (air, light, water, nutrients from soil, and room to grow)? Can they explain how they vary from plant to plant? Can they investigate the way in which water is transported within plants? Can they explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal? GD - Can they classify a range of common plants according to many criteria (environment found, size, climate required, etc.)?		