



YEAR 1 – PLANTS

QUESTION: HOW MANY DIFFERENT PLANTS CAN WE NAME?

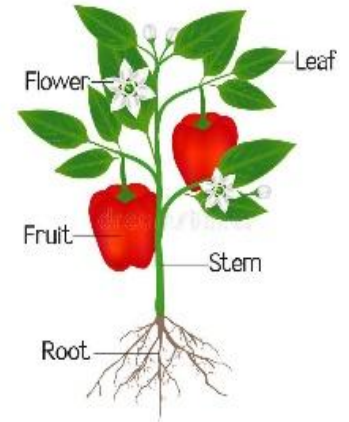
KEY SCIENTIST: JANE COLDEN



ASKING AND ANSWERING QUESTIONS



OBSERVING AND MEASURING



WEEKS OF TEACHING	LINE OF ENQUIRY	THRESHOLD CONCEPT	SUBSTANTIVE KNOWLEDGE	DISCIPLINARY KNOWLEDGE	CURRICULUM ENDPOINT
1	Making observations	*Work scientifically *Understand plants	*Plants are a living thing. *Bulbs grow into new plants. *Seeds grow into new plants. *Bulbs and seeds can be planted.	*Identify and describe the basic structure of a variety of common flowering plants, including trees. *Asking simple questions and recognising that they can be answered in different ways. *Observing closely, using simple equipment.	*identify and name a variety of common wild
2	Parts of a plant	*Work scientifically *Understand plants	*Name at least 4 parts of a plant; stem, roots, leaves, flower, petal, fruit	*Identify and describe the basic structure of a variety of common flowering plants, including trees. *Observing closely, using simple equipment.	

3	Garden and wild plants	*Work scientifically *Understand plants	*Name common plants; daisy, dandelion, buttercup, nettles, rose, pansy, iris, sunflower, sweetpea, lavender, clover, grass,	*Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. *Observing closely, using simple equipment.	and garden plants, including deciduous and evergreen trees *identify and describe the basic structure of a variety of common flowering plants, including trees.
4	Terrific trees	*Work scientifically *Understand plants	*Evergreen green is a tree that keeps its leaves all year round. *Deciduous tree is a tree that losses it leaves. *Name at least 3 trees; blossom, oak, cedar, horse chestnut, maple, beech, hawthorn, sycamore, holly, spruce	*Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. *Observing closely, using simple equipment Identifying and classifying	
5	Fruit and vegetable plants	*Work scientifically *Understand plants	*Name 3 fruit plants. *Name 3 vegetable plants. *Give 1 example of how these plants are similar. *Give 1 example of how these plants are different.	*Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. *Identifying and classifying	
6	Comparing plants	*Work scientifically *Understand plants	*Give 2 examples of how plants and trees are similar. *Give 2 examples of how plants and trees are different.	*Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. *Using their observations and ideas to suggest answers to questions.	

Assessment opportunity: Plant and tree quiz.