






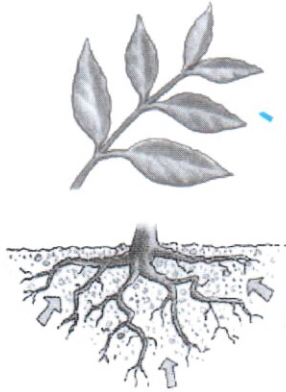
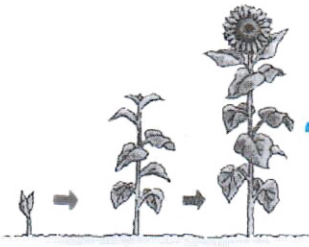
Scope and sequence

Topic	Page	Objectives
Topic 1 Plant life 	4	Investigate the variety of plants in the local environment State that plants are living things Describe some of the things that plants do
Topic 2 Plants we eat	8	Name the parts of a plant Recognise and name some edible plant parts Care for a growing plant Make popcorn
Topic 3 Making things from plants	12	Describe some of the uses of plants Process plant materials to make products
Topic 4 How do plants grow?	16	Explain that seeds germinate Describe the things plants need to grow well Explain how gardeners tend their plants
Topic 5 What are animals? 	20	Describe some of the characteristics of animal life State that animals reproduce Name some animal babies Explain that animals live all over the world
Topic 6 Different kinds of animal	24	Group animals in different ways Recognise common vertebrate and invertebrate animals Make a model skeleton
Topic 7 Insects	28	Describe the main characteristics of insects Identify common insects Name some social insects and describe their behaviour Explain how some insects can be harmful
Topic 8 Life cycles	32	Explain that animals are born, grow, develop, reproduce and die State that the stages in an animal's life are called its life cycle Describe the life cycles of birds, insects and frogs
Topic 9 How do animals survive?	36	Classify animals as predators and prey Match familiar predators to their prey Explain why some predators and prey use camouflage Explain how the bodies of animals are adapted to survive in the place where they live

Topic	Page	Objectives
Topic 10 Senses 	40	Name the five senses Match each sense to its sense organ Explain how our sense organs keep us safe Care for your sense organs
Topic 11 Hearing and making sounds	44	Identify common sounds and their sources Recognise differences in the loudness and pitch of sounds Make simple musical instruments Make a sound louder
Topic 12 Seeing the world	48	Identify and name the parts of the eye Recognise and name colours Investigate colour mixing with paints
Topic 13 How things feel	52	Describe some of the different sensations of touch Match touch words to objects Recognise shapes by touch
Topic 14 Taste and smell	56	Investigate our senses of taste and smell Name four basic tastes Conduct a survey
Topic 15 Floating and sinking 	60	Investigate which objects sink and which float in water Explain how to make a ball of clay float by making it into a hollow shape Explain how boats carry cargo
Topic 16 Investigating liquids	64	Explain that a liquid takes the shape of its container Compare how much liquid containers can hold by pouring water between them State that salt and sugar dissolve in water Show that oil and water do not mix
Topic 17 Heat: sources and dangers	68	Identify some common heat sources Describe some of the ways we use heat Identify the dangers of heat and flames Discuss fire safety
Topic 18 The sky at night 	72	Describe the moon and its features Investigate the formation of craters State that stars are distant balls of blazing gas Recognise some constellations

Topic 1 Plant life

1 Match these plant pictures to their captions. Trace the lines.



Roots take water from soil

Leaves make food with light, air and water

Seeds sprout and new plants grow

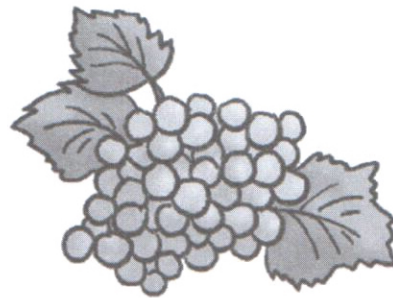
2 Find eight things in the word grid that plants do or need.

y	x	r	z	y	l
f	e	e	d	x	i
w	x	p	z	y	g
a	i	r	z	z	h
t	s	o	i	l	t
e	z	d	i	e	x
r	y	u	y	z	y
x	y	c	z	x	c
x	d	e	c	a	y

3 Rearrange the letters. Find the names of the plants.



apml _____



prgaes _____



osre _____



hweta _____

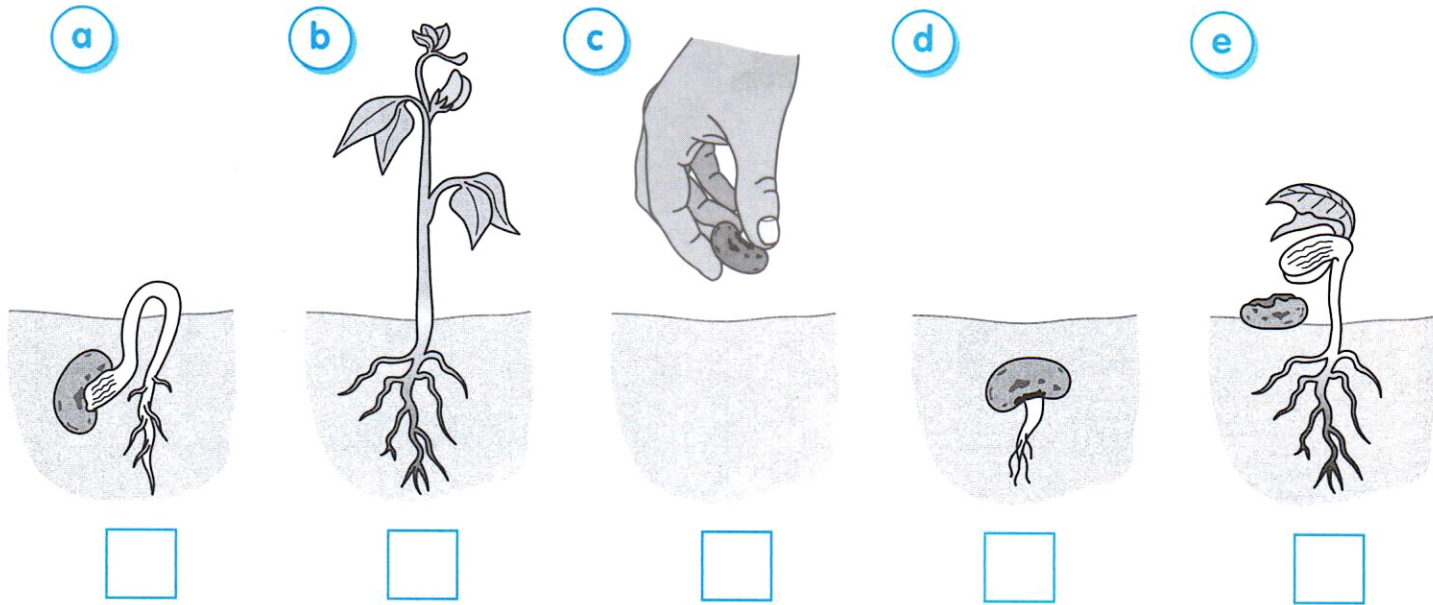
Tick the plants you have seen.

4 Use these words to complete the sentences.

vegetables crops trees flowers

- a Palm, oak and olive are _____.
- b Cotton and coffee are _____.
- c Marigolds are garden _____.
- d Carrots and cabbages are _____.

5 Number these pictures in order — 1, 2, 3, 4 and 5.



6 Arrange these words to make sentences.
Write the sentences on the lines.

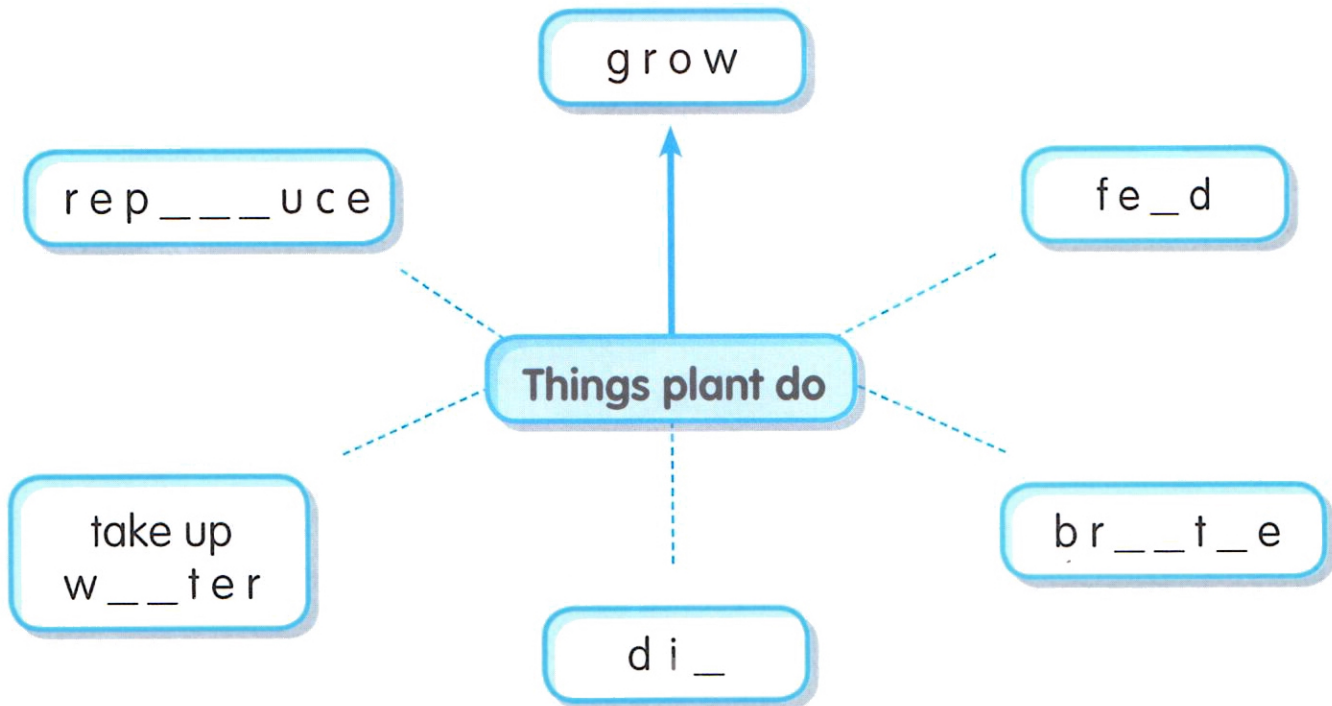
a *things. / are / living / Plants*

b *plants / grow / New seeds. / from*

c *to / make / use / sunlight / food. / Leaves*



- 7 Plants are alive. Living things grow and do other things. Complete the words in the boxes. Finish the arrows to complete the chart.



- 8 Chant this rhyme. Make up actions to go with the words.

Flowers make a house smell sweet,
Fruit and veg' are good to eat,
Crops are plants a farmer grows,
He sows his fields with seeds in rows,
Trees are plants that grow up tall,
They are the biggest plants of all.