Unit name: Plants and Gardens	EAL Level: A1 & A2	Year level: Foundation	<b>Duration:</b> Approximately 3-4 weeks
<b>Topic focus</b> By the end of this unit, students will be able	Victorian Curriculu	m F-10 EAL students will be able to:	Victorian Curriculum F-10 Capabilities
to:  • talk about what they see in the garden  • describe the parts of a plant/flower (VCSSU042)  • talk about what plants give us  • talk about what plants need to grow  • explain how to grow a sunflower  • talk about the life cycle of a bean plant (VCSSU043).	<ul> <li>label the parts of a p         (VCEALL071)</li> <li>recognise the feature         text (VCEALA141)</li> </ul>	olant/flower es of a procedural ext about how to grow a	By the end of this unit, students will be able to:  • make simple modifications to known ideas and routine solutions to generate some different ideas and possibilities (VCCCTQoo3)  • name and practise basic skills required to work collaboratively with peers (VCPSCSOoo6).
Topic-specific vocabulary	Linguistic structure	s and features	Summative assessments
Things we can see in the garden (flowers, bushes, trees, grass, pathway, fence)  Things we use in the garden (shovel, gloves, pots)	<ul> <li>adjectives (colours)</li> <li>singular and plural (gloves)</li> <li>simple present actio</li> <li>time markers (first,</li> </ul>	<del>=</del>	<ul> <li>a labelled drawing of a sunflower</li> <li>a written procedural text about how to grow a sunflower</li> <li>a written or drawn diary of a bean plant</li> </ul>
Parts of a plant/tree (roots, stem, trunk, branches, leaves, flower, seed)	• prepositions (in the	•	
What plants need to grow (sunlight, air, soil, water)			
Action verbs (dig, plant, water, pick)			
Lifecycle of a plant (seed, seedling, plant)			

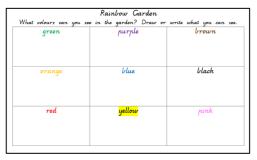
# Teaching and learning activities

The following activities follow the teaching and learning cycle's four stages.

**Learning intention:** We are learning about what we can see in the garden.

Success criteria: I can say what I can see in the garden. I can draw things I see in the garden. I can write what I see in the garden.

- Show students a picture of a garden. Ask them if they have a garden at home or if they have been to the park. Ask questions that draws on prior knowledge such as 'What do you find in the garden?'
- Students go on a scavenger hunt to the school gardens, flower beds or to a local park. Students can use the 5x4 picture grid for plants and garden on page 92 of <u>Language games for EAL students</u> on FUSE and tick or circle each item on the grid as they find them on the scavenger hunt. Alternatively, they organise their findings according to colour on the <u>Rainbow Garden</u> sheet by drawing or writing what they find in the school gardens in the correct box. During the scavenger hunt, encourage students to talk about what they can see using the sentence structure 'I can see a ....' Be mindful to repeat and model key words and learnt sentence structures.



• Back in the classroom, students share what they saw in the garden and contribute 'I can see' sentences that are scribed on the board. Use this opportunity to model handwriting conventions and to model reading the jointly constructed sentences. Students read the sentences on the worksheet, trace them and copy underneath. Choose the worksheet to use depending on the language proficiency of students.

-				What can you see? sentences about what you can see in the garden. loaf.
1	can	see	a	tree.
***************************************	can	see	a	flower.
	can	see	gr	ass.

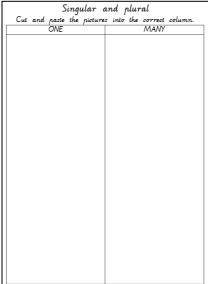
	Trace	and copy	What can you see? the sentences about what you can see in the garden.
1	can	see	a green
1	can	see	a purple
1	can	see	a brown
1	can	see	an orange
_			
1	can	see	a blue
_			

**Learning intention:** We are learning about what we use in the garden.

Success criteria: I can say plural and singular words. I can read plural and singular words. I can sort plural and singular words.

- Read a text that introduces students to the different types of equipment you would find and use in the garden. Talk about how they are used in the garden. Connect to students' home language by asking them what the garden supplies and equipment are called in their language. They may need to speak with their parents or a Multicultural Education Aide to help them with home language translation.
- Bring a variety of different garden supplies and equipment for students to interact with. Orally model to students the difference between plural and singular words using the sentence stem, 'I have...' (e.g. 'I have a watering can' and 'I have gloves.'). Students take it in turns to pick an item and talk about it.
- Students play quick vocabulary games as a class, in small groups or in pairs such as *Name a card, Tic-Tac-Toe* or *Quick as a flash* using the plants and gardens flashcards on pages 96 to 100 of <u>Language games for EAL students</u> on FUSE. Students play the games using the previously modelled sentence stem 'I have...'
- Optional: Create a sensory table that includes different plastic toy garden supplies and equipment such as gloves, shovels, watering can, for students to interact with.
- Students complete the worksheet <u>What I use in the garden</u> by reading and tracing the words of items they use in the garden. Then they cut, organise and paste the pictures into the correct column (one or many) on the second worksheet <u>Singular and plural</u>.



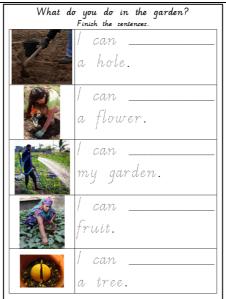


**Learning intention:** We are learning about what we do in the garden.

Success criteria: I can talk about what I do in the garden. I can read action words. I can write action words.

- As a class, brainstorm and mime the actions that students can do in a garden. Students watch and listen to the song <u>Making a Garden (Action Song)</u> on YouTube a few times, specifically listening for the words they have brainstormed. Pause the video at intervals so that students can process what they hear and follow the lyrics in the song. Students sing along with the song, copying the actions with the words.
- Students play the following quick vocabulary games as a class to reinforce the action words learnt:
  - o *Charades*: Students take turns to stand in front of the class and role-play different actions in the garden. The rest of the class guesses what the action is.
  - o *Read and act:* Hold up flashcards with different action words one at a time for students to read. Students read the word on the flashcard and mime the action word. The last one to respond with the correct action is out. Play until there is only one student remaining. Alternatively, use flashcards with both words and pictures for this game.
- Students complete the worksheets to help reinforce their understanding of action words and their meaning. Choose the worksheet according to students' language proficiency and fine-motor control.





**Learning intention:** We are learning about the parts of a plant.

Success criteria: I can talk about the parts of the plant. I can label the parts of a plant. I can draw the parts of the plant.

- Read <u>Growing Things by Susan Bennett-Armistead</u> (available at LMERC) focusing on pages 10-11 and pages 14-15. Alternatively, use another simple non-fiction book that introduces students to the parts of a plant or watch the video <u>Elmo's World: Flowers</u>, <u>Plants and Trees</u> from 10:19 when the video introduces vocabulary about the parts of a tree.. Discuss the pictures in the book or video and connect to students' prior knowledge through questioning. Monitor students to ensure they understand the questions. If necessary and appropriate for this session, recast the questions to support students' understanding and provide them with an opportunity to hear the questions in different ways (message abundance). Keep questions as simple as possible, e.g. 'What is this?', 'What can you see?', 'What is growing?' Allow students wait time after each question.
- Using an image of a tree or a plant, either on butchers paper as a big version or on individual worksheets, students label the different parts of the plant using the vocabulary learnt. This can be done as a whole class activity on the floor, paired or individual activity.
- Students complete the worksheets by drawing the plant or tree and tracing over the labels. Choose the worksheet according to students' language proficiency.

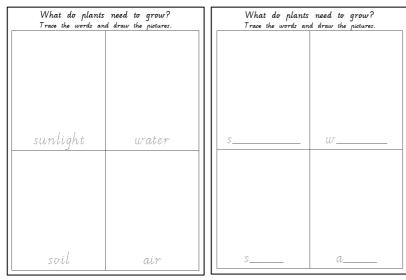
plants and products. This can be left as a permanent display throughout the unit of work. Students bring in different plants each week to add or replace the current display. They can draw pictures or write sentences on strips of paper about the plants and plant

 $\triangle$  Learning intention: We are learning about what plants need to grow.

products in their own time to add to the display.

**Success criteria:** I can talk about what plants need to grow. I can draw and write about what plants need to grow.

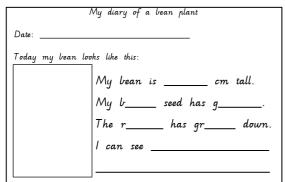
- Read <u>The Sunflower that went FLOP by Joy Cowley</u> (available at LMERC). Discuss what is happening on each page and ask literal/comprehension and predicting questions that focus both on the illustrations and the words, e.g. 'What is Mr Brown doing?', 'What does he use?', 'Will it work?', 'Will it help the sunflower?' 'What does the word 'stick' mean?'
- Follow with a simple re-tell activity using pictures from the story. This can include ordering the pictures and using the pictures as prompts to talk about what happened in the story or matching the pictures with simple sentences that explain what happened in each picture.
- Watch videos that talk about what plants need, such as <u>Sesame Street: Grover Talks About Plants</u>, and/or listen and sing along with songs, such as Justine Clarke's <u>Doin' It (Making the Garden Grow)</u> on YouTube. Pre-teach the lyrics to the song by using the closed captions/subtitles in the video. Slow the playback speed down to 0.75. Pause the videos at intervals to discuss.
- Ask students what they think plants need to grow. Create *an anchor chart* with the students using pictures/drawings and words based on their contributions.
- Students plant their own sunflower in an empty milk carton or plastic container filled with soil. They regularly water it and watch it grow. Recycle the key vocabulary using simple sentences, e.g. 'We need soil.'
- Students draw and write the things plants need to grow. Choose the worksheet according to students' language proficiency.



 $\succeq$  | **Learning intention:** We are learning how to grow a bean plant.

Success criteria: I can talk about what I see. I can draw and write about what I see. I can talk about my writing and drawing.

- Read My Bean Diary by Rhonda Jenkins (available at LMERC) and review each stage of the bean growing process.
- Watch the video <u>Bean Time-Lapse</u> and talk about what they notice happening to the bean plant. Ask questions that model the topic vocabulary, e.g. 'What is happening to <u>the roots</u>?', 'What is happening to <u>the stem</u>?'. Model drawing the different stages of the bean seed as it grows. Break down the process into four key stages, i.e. 1. seed, 2. roots, 3. seedling, 4. plant. Label the pictures using the key vocabulary, e.g. bean seed, roots, shoot, stem, leaf.
- Students watch the video <u>Growing a bean plant</u> on YouTube from 7:43 to 9:52 and watch Cody plant a bean seed.
- Students plant their own bean seed in a clear container or bag with a wet paper towel to see the roots grow. Use broad bean seeds and make sure to soak them overnight to help them germinate.
- Students fill in their bean diaries over the next couple of weeks and continue to monitor and watch their beans grow. They describe their drawing and read or talk about their writing to demonstrate their understanding of their work.



	My diary of a bean plant	
Date:		
Today my bean loo	oks like this:	
	My bean is	_ cm tall.
	My bean seed has gr	own.
	The root has grown	down.
	I can see	

• Create a checklist of the success criteria to be displayed in the classroom and referred to every time students update their bean diary to support their oral discussion about what they see and what they draw and write in their bean diary. Students receive a star when they fulfill each success criteria each time.

Optional Maths component: Graph the growth of the bean plant as a class using rulers, unifix blocks or Lego blocks to measure. Create a whole class 'checklist' for individual students to tick off when their plant grows roots, stems, leaves or beans.



**Learning intention:** We are learning about how a plant grows (life cycle).

Success criteria: I can talk about how a plant grows. I can use time markers.

- Read <u>What's This? A Seed's Story by Caroline Mockford</u> (available at LMERC) which includes a series of picture cards that tells the story of a seed's journey into a sunflower. Students talk about what they see on each picture and what is happening in each picture.
- Watch, learn and sing along with the song <u>How Does a Plant Grow? (Lifecycle of a Plant)</u> on YouTube. Focus on the time markers in the song (e.g. First, Next, Then). Use closed captions/subtitles and slow the playback speed down to 0.75 when learning the song.
- Using the <u>Non-fiction Sequence & Write Tiles by Lakeshore</u> (available at LMERC), students sequence the <u>Life Cycle of a Plant</u> cards. Model how to talk about each card using simple sentences and starting each sentence with a time marker, e.g. 'First, the...'. Students take it in turns to practise talking about each card using the modelled language.
- On mini whiteboards, students draw the four stages of a plant's lifecycle and labels each picture with the names of the plant parts and the correct time markers for each stage. Students can look at the *Life Cycle of a Plant* cards as a model and copy the time marker words.
- Read <u>The Tiny Seed by Eric Carle</u> (available at LMERC) as a summing up activity to recap the oral language and concepts focused on in the lesson.

**Learning intention:** We are learning how to read a procedure.

**Success criteria:** I can read to find out what we need. I can read to find out what we do. I can read the doing words. I can read prepositions.

- Read the model text <u>Making Hairy Harrys</u> and go through the equipment and steps required for making Hairy Harrys. Teach and model the language first before asking questions at each step of the way, e.g. 'We need a container. What do we need?'
- Focus on the verbs (in green) in the model text, reading the sentence first before asking questions, e.g. '**Pour** the grass seeds on the soil. What do we do? **Pour.**'
- Focus on the blue prepositional phrases in the model text reading the sentence structure first before asking questions, e.g. 'Put the soil **in the container**. Where do we put the soil? **In the container**.'
- Students make Hairy Harrys using either an empty milk container or plastic container filled with soil. Students use grass seeds for the hair and decorate their Hairy Harry with different art materials such as buttons, pipe cleaners, sequences, etc. Refer to <a href="mailto:Beginning EAL Support Materials">Beginning EAL Support Materials</a> Plants and Garden for instructions to make Hairy Harrys.
- Students jointly construct an oral procedural recount of what they did to make their Hairy Harrys. Use the model text as support if necessary. Guide the joint construction with key questions using the time markers previously learnt, e.g. 'First, what did we do?'

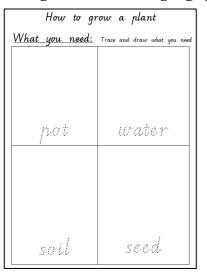
**Suided** practice

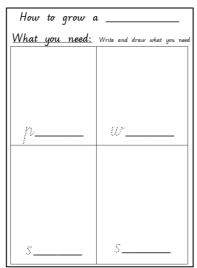
Draw each step of the procedure as recounted by the students. This can be displayed in the classroom as a visual reminder of the procedures.

**Learning intention:** We are learning how to write a procedure together.

**Success criteria:** I can write what we need. I can write what we do. I can put sentences together in the correct order.

- Remind students about the sunflowers they previously planted. Discuss what they used and what
  they did. Use actions and photos of the materials used to support their understanding and
  memory.
- Co-construct a simple written procedure on how to grow a plant on sentence strips (see image on the right). Students take turns to come up and write parts of the procedural text. Focus on asking functional questions such as 'What do we do?', 'What do we use?', 'Where do we do it?'
- Use the green, red and blue colour patterns to highlight the sentence structure. Cut up one sentence according to their colours and jumble up the three pieces of sentence strips, for example, a small hole | Dig | in the soil. | Repeat the same process for other sentences. Students practise rearranging the sentences into the correct sentence structure as well as in the correct order of steps.
- Students write a guided procedural text on how to grow a sunflower. Choose the worksheet according to students' language proficiency.







**Learning intention:** We are writing about how to grow a sunflower.

**Success criteria:** I can label a picture of a sunflower. I can write about what we need to grow a sunflower. I can write about what we do to grow a sunflower.

- Revise what students know about growing sunflowers. Refer to the anchor charts created throughout this unit of work. Brainstorm with students what independent learning strategies they can use to complete the task, e.g. look around the classroom for different charts and key vocabulary that are on display.
- Discuss what students need to do using the *sunflower procedure template*. Create a checklist to help them understand what they need to do such as:
  - o I can write a title.
  - I can draw a sunflower.
  - I can label my sunflower.
  - o I can use green words for what I do.
  - o I can use red words for things I need or use.
  - I can use blue words for where.
  - o I can make green, red and blue sentences.
- Students write their own procedural text of how to grow a sunflower. Provide students with the *sunflower procedure template* to guide their writing. Students should aim to write their text independently but can refer to the previous co-constructed procedural text on how to grow a plant.
- Students draw a picture of a sunflower and label it. Students can refer to their previous parts of a plant activity.

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# Suggested excursions/language learning experiences

- Royal Botanic Gardens Victoria <u>Primary Excursions</u>
- Ceres Community Environment Park
- Parks Victoria Botanic Gardens

Updated July 2021

# **PLANTS AND GARDENS**

# YEAR FOUNDATION - A1 & A2 LEVEL

### **RESOURCES AT LMERC**

A list of big books, readers and activities providing examples of the range of resources available at the Languages and Multicultural Education Resource Centre related to the TEAL unit of work, Plants and Gardens.

LMERC is a DET library specialising in English as an Additional Language, Languages and the Cross Curriculum Priority Areas, for educators across all sectors and levels. Membership is free and teachers can borrow resources for up to 12 weeks. Click on the LMERC catalogue link under each title to check availability, to request the item or to get more information about the resource.

For more information about LMERC, see: LMERC

The following items provide examples of the type of resources available at LMERC. Many other relevant resources are available at LMERC in English and other languages.

### **GAMES AND ACTIVITIES**

### **Nonfiction Sequence & write tiles**

Sequencing activities. Life cycle of a plant theme included.

See: LMERC catalogue



## **BOOKS - FICTION**

# The Tiny seed – by Eric Carle

'When the tiny seed is blown away from its parent plant, it travels a very long way - over seas, deserts and mountains. The tiny seed survives the hazards of the journey and finally falls onto fertile earth. It grows and grows, becoming the tallest, biggest flower for miles around. Then one day the wind blows and thousands of the flower's seeds begin their own journeys.' Publisher description.

See: LMERC catalogue



# What's this? a seed's story - by Caroline Mockford

A small girl discovers how a tiny seed grows into a magnificent sunflower. We see how the sunflower makes new seeds for the coming year. Includes simple instructions for cultivating seeds.

See: <u>LMERC catalogue</u>



### **BOOKS - NONFICTION**

### Flowers for grandma

National Geographic, Windows on literacy, Step up level. Plants around us series. One word per page introducing the colours of different kinds of flowers.

See: LMERC catalogue

Garden tools - by Julie Haydon, illus. Jenny Mountstephen

Text type: Recount. PM levelled reader series

A non-fiction recount about tools: a diary entry that a girl wrote one day after helping

her mother in their garden.

See: LMERC catalogue

### **Growing things** – by Susan Bennett-Armistead

This big book covers the topics in the Growing Things Theme of My World, with information about plants, farming, and gardening.

See: LMERC catalogue

## How seeds grow - by Emmaline Marvig

Big book providing examples of the life cycle of plants of various kinds from seed to product. Example of procedural text included.

See: LMERC catalogue

### Our vegetable garden - by Sally Cowan

PM stars series reader. Level 8/9, 16 pages. Non-fiction. Five short chapters covering all stages of creating a garden from making plans, planting seeds and plants, adding plant food and mulch and then picking the vegetables from the garden. Two sentences per page.

See: LMERC catalogue

# Our garden diary - Heather Hammonds

PM writing series reader. Level 8/9, 16 pages. A recount from the point of view of a young girl and her friend incorporating a diary of 10 weeks describing planting the bean seeds, looking after the plants, watching the plants grow and then flower and fruit. Finally, they cook the beans and eat them. One short sentence per page.

See: LMERC catalogue









### **BOOKS IN LANGUAGES**









Ethirpatham = Opposites- Veerasamy Vanitha and Raju Navya

The Seed – Deepa Balsavar

Example of resources about the life cycle of plants in Arabic Vietnamese

# English – Arabic picture dictionary - DK

Thematic picture dictionary. See plant section page image



above.

See: LMERC catalogue

# Từ điển khoa học của bé. Bé tập khám phá = Children's science dictionary

Themes include nature, animals, earth, roads, earth history, inventions. Text in Vietnamese. See plant section page image above.





### Opposites = Ethirpatham – by Veerasamy Vanitha and Raju Navya

Book with vocabulary in Tamil and English. Double spread on theme of the garden features lift the flaps revealing the roots of a plant, worms underground, insects in the air.





## The seed = Vitthu – by Deepa Balsavar

A bilingual book in Malayalam and English. A little girl discovers a seed one day. She puts it in a pot and then begins to watch it grow. She shares her curiosity about what it will turn into with members of her family.





All resources in the list.

See: <u>LMERC catalogue</u>



These books and other relevant resources can be borrowed from LMERC. Membership to the library is free. To join, click on the register button on the top right side of the <u>library homepage</u>. Contact LMERC to request titles or select via the online catalogue. For more information, please contact LMERC by email or by phone.

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Published by: Statewide Services, School Operations and Statewide Services Division, Schools and Regional Services Group Department of Education and Training Carlton, 2021

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# Rainbow Garden

What colours can you see in the garden? Draw or write what you can see.

green	purple	brown
	, ,	
orange	blue	black
J		
red	<mark>yellow</mark>	pink
	<del>.</del>	,

# What can you see?

Trace and copy the sentences about what you can see in the garden.

can see a tree.

can see a flower.

can see grass.

CAN SEE A \_\_\_\_\_ CAN SEE A \_\_\_\_\_\_

# What can you see?

	Trace	and copy	the s	sentences about what you can see in the garden.
<i>!</i>	Carv	500		green
	CON	500	Ø.	purple
<i>!</i>	CAYV	500	Ø.	troun
	- CANV	500	- W	v orange
<del></del>	0070			

can see a pink

# What I use in the garden



Singular and plural Cut and paste the pictures into the correct column.

ONE		MANY	

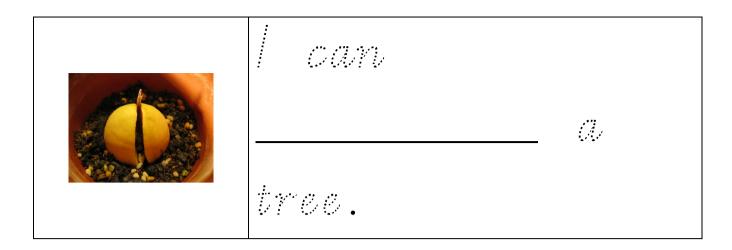
# What do you do in the garden? Match the picture to the word.

nlant	<i>\displaystartailer</i>	water
pick	<u>, , , , , , , , , , , , , , , , , , , </u>	**************************************



# What do you do in the garden? Finish the sentences.

a hole.	
l cari  flower.	Ä.
garden.	my
fruit.	



# Parts of a plant Draw the parts of a plant.

	0100	10001 03	01 00	filari.	 
flower					
leavres					
Stem					
rorts					

# Parts of a tree Draw the parts of a tree.

2700	 juirus	<u> </u>		
leaves				
branches				
trunk				
roots				

# Parts of a plant Draw the parts of a plant.

<u></u>			
<u></u>			
<u> </u>			

# Parts of a tree Draw the parts of a tree.

	<u> </u>	1
<u></u>		
<i>‡</i>		
** <u></u>		

# What do plants need to grow? Trace the words and draw the pictures.

	<i>[</i>
<i>!</i> . <i>!</i> .	
e i i va la va la tr	iirataw
sunlight	urater
· ·	
÷	
soil	QÂY.
soil	

# What do plants need to grow? Trace the words and draw the pictures.

	<u> </u>
· · ·	I = I I I'
<u> </u>	W
'''	• • • •
	,•••
	<u> </u>

# My diary of a bean plant

Date:								_		
Today	my	bean	loo	rks lik	e this:					
				My	bean	is			cm	tall.  _ down
				My	b		seed	has	<i>g</i>	•
				The	r		have	gr_		_ down
				l ca	n see					

Date:

Today my bean looks like this:

 My bean is \_\_\_\_\_ cm tall.

 My \_\_\_\_\_ seed has a sh\_\_\_\_.

 The sh\_\_\_\_ has gr\_\_\_\_ up.

 The r\_\_\_\_ have gr\_\_\_\_ down.

Date: Today my bean looks like this: 

 My bean is \_\_\_\_\_ cm tall.

 My \_\_\_\_\_ seed has a st\_\_\_\_.

 The st\_\_\_\_ has a l\_\_\_\_.

 I can see \_\_\_\_\_.

Mu Irean is cm. tall
1719 beath is the tact.
My bean is cm tall.  My seed has a  I can see
I can see
_
I can see

# My diary of a bean plant

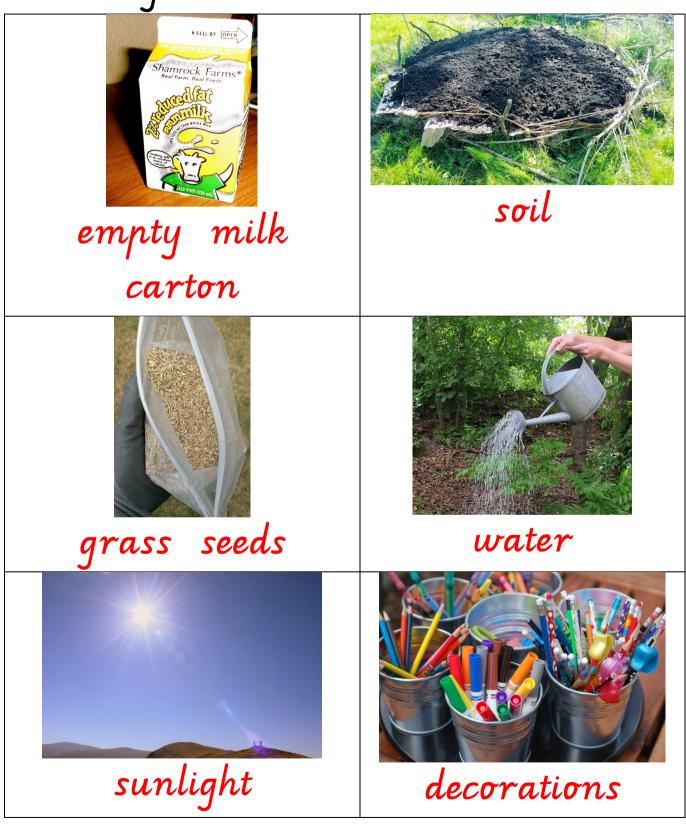
	My	bean	is	cm tall.
	My	bean	seed has	grown.
				rown down.

Date: Today my bean looks like this: My bean is \_\_\_\_ \_\_\_ cm tall. My bean seed has a shoot. The shoot has grown up. The roots have grown down.

My bean is cn	n tall.
My bean seed has a ster	ν.
The stem has a leaf.	
I can see	

My bean is	cm tall.
My bean seed has a	
I can see	
I can see	

# Making Hairy Harrys <u>What you need:</u>



# What you do:

- 1. Decorate the empty milk carton with decorations.
- 2. Put the soil in the empty milk carton.
- 3. Pour the grass seeds on the soil.
- 4. Water the grass seeds.
- 5. Put your Hairy Harry in a sunny spot.

# How to grow a plant

What you need: Trace and draw what you need 

What you do: Trace and draw what you do

<u>vvnat</u>	you ao:	Trace and draw what you do
1. Put pot.	soil in th	e 2. Dig a small hole in the soil.
	a seed in hole.	4. Cover the seed with soil.

5. Water	the	soil.	Pu	ut	the	pot	in
			a	SU	nny	spo	rt.

# 

# What you do: 1. Number the sentences in the correct order.

- 2. Cut and paste them in the correct order.

Put a seed in the hole.
Put the pot in a sunny spot.
Put soil in the pot.
Cover the seed with soil.
Dig a small hole in the soil.
Water the soil.