

Readiwriter

Spelling

Series

H

# Technologies (Agricultural, Design, Food, Industrial)

Student Book



PEG Spelling  
Team Series  
Authors

Student name:

# Agricultural Technology

## Dictation

1. The supplies for the fieldwork were purchased at the market.
2. It is essential that management is responsible for production.
3. Laboratory tests are necessary to determine viability, profitability and sustainability for commercial enterprises.

**Anagrams** words formed by rearranging the letters of another word. Write a list word for each anagram.

weird folk \_\_\_\_\_ a knit germ \_\_\_\_\_ tonic proud \_\_\_\_\_  
 magnet name \_\_\_\_\_ princess go \_\_\_\_\_ decor up \_\_\_\_\_  
 pile puss \_\_\_\_\_ search up \_\_\_\_\_ converse \_\_\_\_\_

**Product** is a base word. Can you list 5 other words which have product as their base word? (*Hint: there are 2 in the word list.*)

--	--	--	--	--

**Hidden Words** Find the hidden word in each list word to match the meaning.

1. A long stick in produce. \_\_\_\_\_
2. An untruth in supplies. \_\_\_\_\_
3. To work for in conserve. \_\_\_\_\_
4. A piece of furniture in profitable. \_\_\_\_\_
5. To force with a lever in enterprise. \_\_\_\_\_
6. A skill in viability. \_\_\_\_\_
7. To make musical sounds with your voice in processing. \_\_\_\_\_
8. To grow old in management. \_\_\_\_\_
9. A tube in production. \_\_\_\_\_
10. To run after in purchase. \_\_\_\_\_

**Synonyms** Circle the word which is not a synonym for the underlined word.

<u>produce</u>	make create destroy grow raise cultivate
<u>supply</u>	provide give issue tell demand
<u>market</u>	shop produce trade sell deal
<u>purchase</u>	buy sell get acquire
<u>conserve</u>	keep up save maintain withdraw preserve
<u>manage</u>	fail handle care supervise oversee
<u>responsible</u>	answerable accountable liable trustworthy slaphappy
<u>viable</u>	workable impossible feasible possible
<u>profit</u>	gain benefit acquire loss
<u>sustain</u>	prolong keep up reduce continue preserve nurture maintain
<u>consume</u>	save eat devour use deplete expend

## Copy the list words.

1.	produce	
2.	fieldwork	
3.	supplies	
4.	marketing	
5.	purchase	
6.	production	
7.	conserve	
8.	management	
9.	processing	
10.	consumer	
11.	responsible	
12.	agronomist	
13.	viability	
14.	insecticide	
15.	commercial	
16.	enterprises	
17.	laboratory	
18.	profitable	
19.	sustainability	
20.	interrelationship	

## No Clues Puzzle

There are no clues to this puzzle but each word has 8 letters. Insert the words in the correct places.

			S				R
	O				R		
			C				E
		P			I		

**Suffixes - able and - ible** are **suffixes** used to form **adjectives** especially from **verbs**.

If the root is a complete word add **- able**.

If the root is not a complete word add **- ible**.

Add **- able** or **- ible** according to the rule.

terr \_\_\_\_\_ suit \_\_\_\_\_ fashion \_\_\_\_\_ horr \_\_\_\_\_

laugh \_\_\_\_\_ poss \_\_\_\_\_ comfort \_\_\_\_\_ profit \_\_\_\_\_

vis \_\_\_\_\_ ed \_\_\_\_\_ aud \_\_\_\_\_ eligi \_\_\_\_\_

manage \_\_\_\_\_ sustain \_\_\_\_\_ incred \_\_\_\_\_ permiss \_\_\_\_\_

**There is an exception to this rule in the word list. Can you find it?**

**Try and find two more exceptions.** \_\_\_\_\_

(Hint: one is concerning digestion and the other is an asset for a gymnast.)

**Word Grids** All of these grids are missing the same letter. Unjumble the letters and add the missing letter to make list words. The missing letter is \_\_\_\_\_

T	O	N
C	O	P
R	U	D

R	O	S
C	E	P
S	G	N

G	O	R
N	A	T
O	S	M

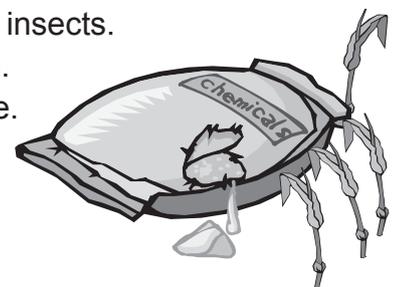
E	C	O
M	A	L
R	M	C

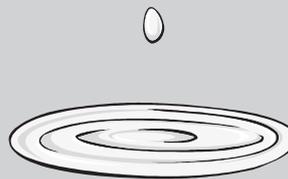
**Unjumble** the shaded letters to spell Another 10 letter word.

**All of the words in the grid end with the prefix - cide from the Latin - cida – meaning killer. Use the clues to insert the words into the grid.**

				I			
		P	H		F		
	H					G	R
S							
C	C	C	C	C	C	C	C
I	I	I	I	I	I	I	I
D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E
1	2	3	4	5	6	7	8

1. Take one's own life.
2. Killing of a human being.
3. A chemical that kills pests.
4. Killing of plants.
5. A chemical to kill or repel insects.
6. A chemical that kills fungi.
7. Massacre of many people.
8. Killing of a king.





**Writing Ideas**  
Discuss ways that families could conserve water in their household.

Outline the key points of animal care.

# Design Technology

## Dictation

1. The fabric generated in the research was crafted creatively.
2. A different technique was used to modify the interior to make it more functional.
3. Architectural designs need to consider the criteria for structural, environmental, ergonomic and aesthetic qualities.

## Insert the correct word in the sentence.

impact	fabric	creative	generate	justify	functional	research
--------	--------	----------	----------	---------	------------	----------

1. Wrote a report to \_\_\_\_\_ my design.
2. The \_\_\_\_\_ for the boxers was silky.
3. Effective design always begins with \_\_\_\_\_.
4. Council did a survey on the \_\_\_\_\_ the new building would have on the environment.
5. A \_\_\_\_\_ design is easy to use.
6. To be very \_\_\_\_\_ you need to \_\_\_\_\_ new ideas.

## Find a smaller word in each list word then write a meaning for the new word. Some words can make more than one word.

research	search	To look for something or someone.
impact		
generate		
crafted		
deconstruct		
justify		
functional		

## De is a prefix which can mean to remove or reverse. Complete the grid with words to match the meaning.

1	D	E	B	U	G	To remove electronic devices.
2	D	E				To take away.
3	D	E				To thaw, remove ice.
4	D	E				Slopes downwards.
5	D	E				To remove water.
6	D	E				To remove human characteristics.
7	D	E				To kill by beheading.
8	D	E				To break down into its components.
9	D	E				To make legal.

Start at number 1 then follow the grid around. The last letter of each word is the first letter of the next word. **Rearrange the shaded letters to spell a word that means to create.**

1.				2.		
			3.			
			4.			
	5.					

1. Cloth made by weaving.
2. Made with a special skill.
3. To pull apart.
4. Practical skill or knowledge.
5. The branch of design that considers special needs of the human body.

## Copy the list words.

1.	fabric	
2.	research	
3.	impact	
4.	generate	
5.	crafted	
6.	creative	
7.	justify	
8.	interior	
9.	technique	
10.	functional	
11.	modify	
12.	deconstruct	
13.	criteria	
14.	structural	
15.	commodities	
16.	environmental	
17.	khaki	
18.	architectural	
19.	ergonomics	
20.	aesthetics	

**All of these words contain the letters a & e. Complete them (one letter per underline).**

\_\_\_ a \_\_\_ e \_\_\_  
 \_\_\_ e a \_\_\_ e  
 a e \_\_\_\_\_  
 a \_\_\_\_\_ e \_\_\_\_\_ a \_\_\_  
 \_\_\_\_\_ e \_\_\_ a  
 \_\_\_ e \_\_\_ e a \_\_\_\_\_  
 e \_\_\_\_\_ e \_\_\_ a \_\_\_  
 \_\_\_ e \_\_\_ e \_\_\_ a \_\_\_ e

Choose the correct syllables from the box. Each syllable can only be used once, the number of syllables is in brackets.

ics	o	od	ter	al	nom	i	thet	i	kha	ties	aes	or
ki	im	ics	i	pact	func	erg	mod	fy	in	tion	comm	

1. A colour often worn by soldiers \_\_\_\_\_ (2)
2. Inside of anything \_\_\_\_\_ (4)
3. The nature of beauty or art \_\_\_\_\_ (3)
4. To change \_\_\_\_\_ (3)
5. Useful \_\_\_\_\_ (3)
6. Articles of trade or commerce \_\_\_\_\_ (4)
7. To have a direct effect \_\_\_\_\_ (2)
8. The study of the relationship between human workers and their environment \_\_\_\_\_ (4)



**Unusual Plurals** Criteria is the plural form of criterion. Complete the table for these other unusual plurals.

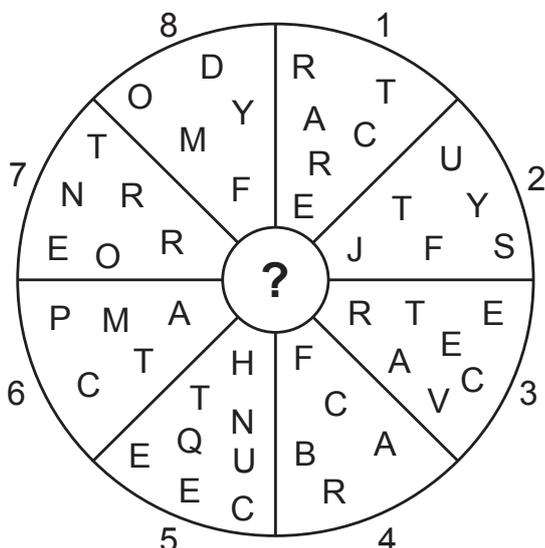
Single	Plural
bacterium	
die	
	formulae
	genii
louse	

Single	Plural
	phenomena
	radii
nucleus	
	cacti
	crises

The group of letters in the eight segments of the circle when combined with the shared unknown letter will spell eight words. What is the centre letter? \_\_\_\_\_

Write the eight words.

1.
2.
3.
4.
5.
6.
7.
8.



Use each letter of the alphabet once to fill the spaces.

A B C D E F G H I J K L M N O P Q R S  
T U V W X Y Z

C												F
		I	M		A	C	T					U
E											I	N
			K		R							C
T	E			N						E		T
I			A		C							I
									T			O
				I	T			S	I			N
									F			A
	E		E	R	A				E			

**Writing Ideas**

Write a report listing the necessary criteria for a teenagers bedroom. Justify your criteria based on functional, environmental and ergonomic needs. E.g. Natural lighting - a desk near the window as a teenager is usually a student and will need to study. This is also environmentally friendly because less power will be used.

# Food Technology

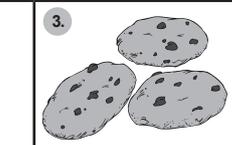
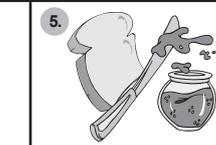
## Dictation

- In preparation for the catering service it was necessary to knead the dough.
- Good hygiene, clean utensils and fresh ingredients will reduce spoilage.
- The restaurant cuisine included desiccated coconut sprinkled on cantaloupe with a squeeze of citrus juice.

## Choose the correct word to complete the sentence.

- You (need / knead) fresh ingredients to make a delicious fruit salad.
- You must (need / knead) the dough lightly when making scones.
- Most (desserts / deserts) have a very low rainfall.
- A favourite (dessert / desert) is apple pie and ice cream.
- There was a choice of (serials / cereals) for breakfast.
- The (serial / cereal) number for the computer was kept in the office.
- My brother (brought / bought) a friend home for dinner.
- My mother (brought / bought) pizza for dinner.
- The sacred tomb had been (desecrated / desiccated) by robbers.
- (Desecrated / desiccated) food was taken on the camping trip.

**American Words** some food is known by a different name in The United States. Match the American word to the picture then write the Australian word.

fries	jelly	cantaloupe	chopped beef	cookies
1. 	2. 	3. 	4. 	5. 

**Synonyms** cross out the word in each line that is not a synonym for the underlined word.

- edible - digestible, palatable, tender, poisonous.
- bought - buy, purchase, get, bring, acquire.
- desiccate - dried, preserved, different.
- restaurant - café, bistro, saloon, cafeteria, galley, grill.
- spoilage - damaged, impaired, unfit, cuisine, inedible.
- dessert - pudding, sweets, third course, retreat.
- knead - work, manipulate, mix, rest, squeeze.
- variety - range, similar, various, different, diverse.
- service - fuel, function, operate, run.

**Word Puzzle** There are no clues to this puzzle but each word has seven letters. Insert the words in the correct places and the shaded letters will spell something you might need for a party.

	E					E
			I	E		
		S	S			
	Y					E
			S		N	

**Birthday Riddle** Alex and Sam are twins. Alex was born on the 5th May and Sam was born on the 7th September. How can this be?

## Copy the list words.

1.	fibre	
2.	catering	
3.	service	
4.	variety	
5.	knead	
6.	dessert	
7.	preparation	
8.	hygiene	
9.	cereal	
10.	edible	
11.	ingredients	
12.	utensils	
13.	bought	
14.	spoilage	
15.	restaurant	
16.	nutritional	
17.	cuisine	
18.	desiccated	
19.	cantaloupe	
20.	bouillabaisse	

**Find a smaller word in each list word that matches the meaning.**

- An animal in catering  
\_\_\_\_\_
- To tell a lie in fibre  
\_\_\_\_\_
- Frozen water in service  
\_\_\_\_\_
- True in cereal  
\_\_\_\_\_
- A number in utensils  
\_\_\_\_\_
- A lubricant in spoilage  
\_\_\_\_\_

**Cuisine** a style of cooking. Which country's cuisine would you expect to eat at these restaurants?

Curry Cafe \_\_\_\_\_  
 Pâtisserie \_\_\_\_\_  
 Fish and Chips \_\_\_\_\_  
 Montezumas \_\_\_\_\_  
 Sushi Train \_\_\_\_\_  
 Athenian Cafe \_\_\_\_\_

Teppanyaki \_\_\_\_\_  
 Pizza House \_\_\_\_\_  
 Isha Kebabs \_\_\_\_\_  
 Golden Dragon Palace \_\_\_\_\_  
 Bite Me Burger \_\_\_\_\_  
 Authentic Tapas \_\_\_\_\_

**Word Grid** Can you work out the six words using the grid?

1	c	e	g	r	u
2	a	i	s	o	n
3	t	l	p	b	h
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>



- 1A, 2A, 3A, 1B, 1D, 2B, 2E, 1C
- 1E, 3A, 1B, 2E, 2C, 2B, 3B, 2C
- 2C, 3C, 2D, 2B, 3B, 2A, 1C, 1B
- 3D, 2D, 1E, 1C, 3E, 3A
- 1A, 1E, 2B, 2C, 2B, 2E, 1B
- 1A, 1B, 1D, 1B, 2A, 3B



**Categories** Write a definition for each word then give five examples for each category.

**Utensils**

e.g. *Instruments commonly used in the kitchen.*  
 (*tongs, wooden spoon, ladle, grater, spatula*)

Ingredients \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Dessert \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Cereal \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Cuisine \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Word Origins** Many English words originated in other languages (that's why spelling can be so inconsistent). Choose a list word to match the meaning and connect it to its origin.

A thick soup made of fish and seafood.		[From Latin - <i>dēsiccātus</i> ]
Italian fruit		[From French - <i>boui</i> - boil + <i>abaisso</i> (go) down]
An establishment where meals are served to customers.		[From French - <i>restaurer</i> - restore]
To dry thoroughly.	desiccate	[From Italian - <i>Cantalupo</i> - A former estate of the pope near Rome, where it was first grown]
To prepare for something.		[From Latin - <i>praeparāre</i> - Make ready beforehand]

**Writing Ideas** Write a citation for a web site for your favourite dessert.

info	▶	Gourmet	▶	Taste	▶	Food
Register		Member's List		Calendar		Search
						Mark Forums Read

**DESSERT NEWS** *The ultimate sauce of gourmet delight.* (View comments: What's your favourite dessert?)



October 6th, 2008 11:25 am

I just love **Tiramisu** - it is a very popular Italian dessert. It is made of savoiardi (biscuits) dipped in coffee and mascarpone cream. It is delicious and great for a special occasion.

Gourmet Gal \_\_\_\_\_

# Industrial Technology

## Dictation

1. Sketch the design of the machine.
2. When using industrial machines protective clothing must be worn.
3. Maintenance engineering requires thorough inspection to minimise risk of injury.

## Add vowels to spell list words.

sktch	rpr	dsgn	cmpnnts
dmstc	mtrls	mchns	fbrctn
prtctn	dcmnt	thrg	ndstrl

## Find a smaller word in each list word that matches the meaning.

design	a notice that gives information.
repair	two things of the same kind.
sketch	to cut a design in metal.
fabrication	cloth used in sewing.
essential	to cause to go away.
machines	part of the face.
thorough	bumpy or uneven.
engineering	a machine which changes energy into movement.

## Complete the table

Verb	Noun	Adjective
design	designer	designing
		repairable
	protection	
		constructive
maintain		
innovate		
	industry	

**Word changes** change one letter at a time to make a new word.

e.g. Change **sign** to **high** in two moves.

s	i	g	n
s	i	g	h
h	i	g	h

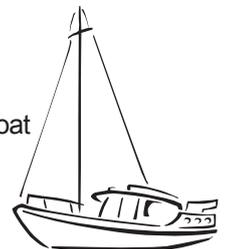


Change **pair** to **ball** in three moves.

p	a	i	r
b	a	l	l

**Remove one letter** each row to make a new word to match the clue.

t	h	o	r	o	u	g	h	Careful, complete
								In at one end and out the other.
								A long, low container for animal feed or water.
								Not smooth
s	k	e	t	c	h	To draw		
						A type of sailing boat		
						To engrave		
						Short for etcetera		



## Copy the list words.

1.	design	
2.	repair	
3.	machines	
4.	sketch	
5.	materials	
6.	components	
7.	protective	
8.	constructing	
9.	industrial	
10.	document	
11.	domestic	
12.	technology	
13.	fabrication	
14.	jewellery	
15.	essential	
16.	engineering	
17.	maintenance	
18.	thorough	
19.	innovative	
20.	minimisation	

