

**Republic of Yemen** MINISTRY OF EDUCATION



# ENGLISH COURSE

# Work book 6

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### Unit 1



1

#### Α Look at PB page 1. Match the words to the top pictures and write the numbers in the boxes.

A	В	С	D	Ε	F
G	Н	Ι	J	K	L
М	N 🗌	0	P	Q 🗌	R

#### В Complete these sentences. Use the words below.

plastic rectangular scales straight fur round paper curved metal feathers hair glass

#### Shapes

- Aisha's hair is long, \_\_\_\_\_ and black.
   A *djambia* has a \_\_\_\_\_ blade.
- 3 Many team sports use a ball.
- 4 If you look around a room, you will see many objects, for example, doors, windows, tables, books and shelves.

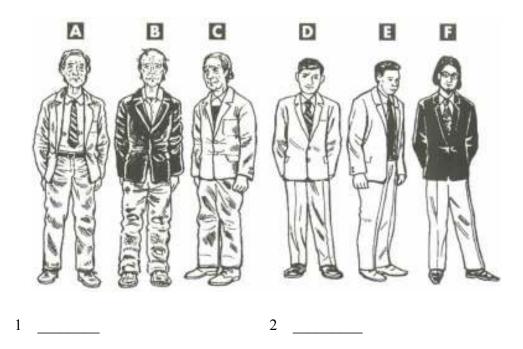
#### **Animal coverings**

- 5 You have to remove the \_\_\_\_\_ of a fish before you cook it.
  6 We can study the \_\_\_\_\_ of birds to understand how they fly.
- Some animals, such as cats, are covered in \_\_\_\_\_, while other 7 animals, such as camels, are covered in \_\_\_\_\_.

#### Made of

- 8 Windows are usually made of wood and \_\_\_\_\_, but sometimes or plastic is used instead of wood.
- 9 Newspapers, magazines and books are all made of \_\_\_\_\_.
  10 You should be careful when leaving things made of \_\_\_\_\_\_ in a hot car. Objects such as music cassettes can be easily damaged.

A Listen to descriptions of two men. Choose the picture that best matches each description.



B Complete the description of the first man as you remember it. You do not have to use the exact words.

He had	 
His eyes	
He wore	 
His trousers	
On his feet	

C Work with your partner. Discuss how you could make your descriptions more like the one you heard. Re-write the description in your copybook.

D Listen to these descriptions. Tick the correct answer.

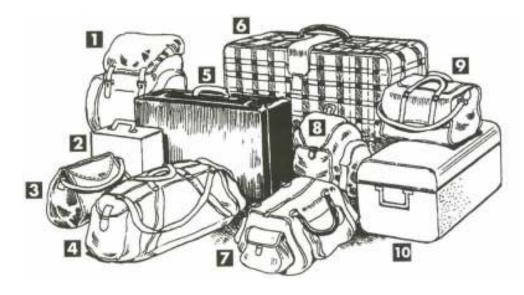
1	a) motor bike $\Box$ b) car $\Box$ c) bicycle $\Box$ d) horse $\Box$
2	a) bird $\Box$ b) plane $\Box$ c) car $\Box$ d) kite $\Box$
3	a) tomato  b) orange  c) banana  d) potato
4	a) fish $\Box$ b) zebra $\Box$ c) tiger $\Box$ d) cat $\Box$
5	a) table b) book c) newspaper d) pen

2

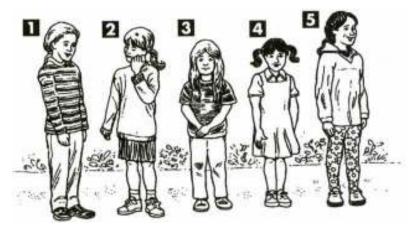


3

- E Think of two objects. In your copybooks, write descriptions similar to those you heard on the cassette.
- 1.3 A Read conversation 1 on PB page 2. Which pieces of luggage belong to the passenger?



B Read conversation 2 on PB page 2. Which girl is Kate?



#### C What do you say in these situations?

- 1 Somebody is upset and is speaking loudly.
- 2 Somebody thinks something bad is going to happen but you think they are wrong.
- 3 Somebody tells you some bad news.

# D Think of a vegetable, a fruit or an animal. Ask your partner to guess what you are thinking of. You partner should ask questions like these:

Can you eat it? Is it a vegetable? What colour is it? Does it have feathers? Can you find it in Yemen?

#### 1.4 A Read the article on PB page 3 again. Then answer these questions.

- 1 In which country or countries can you find tigers?
- 2 What animals are in the same family as the dog?
- 3 When was Rama born?
- 4 What kind of animal was Rama's father?
- 5 Which is bigger, a camel or a llama?
- 6 Which part of Rama is valuable?
- 7 Why was it possible to crossbreed a lion and a tiger?
- 8 Why do llamas have heavy wool coats?
- 9 Why would it be difficult for camels to live where llamas come from?
- 10 In what way is the cama like a camel?

#### **B** Describe the cama to your partner using the following plan.

Begin by describing its colour and covering. Then describe the head, body, legs and tail. The description does not have to be complete, but should describe interesting things about the animal, such as the size and shape of its tail.

Choose another animal and describe it to your partner. Do not give the name. Can he or she guess which animal you are describing?



### A Read this paragraph about three sisters. Then complete the sentences.

Aisha is 16 years old. She has t	wo sisters, Noura and Huda. Noura is						
17 and Huda is 11. Nura is 1.78 metres and so is Aisha.							
Noura is the of the	e three. Although Aisha is						
than Noura, she is as	her sister. Since she is only 11,						
Huda is the of	the three.						

#### B Write these sentences another way. Use words from the box.

	most	like	same	not	as	
Bill's	car is wh	ite and R	ichard's is l	olue.		
Richa	rd's car is	S		colo	ur	

- 2 Two brothers, Ahmed and Hassan, got 90% in their English exam. , Ahmed got 90% in the examination.
- 3 My pen was not expensive, but my friend has a very expensive one. My pen was \_\_\_\_\_
- 4 There are three classes in year 1. Class A has 30 pupils, class B has 35 pupils and class C has 33 pupils.
  Class B has \_\_\_\_\_\_.

#### C Complete the sentences using *however* or *although*.

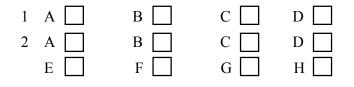
- 1 Football is a very popular game, \_\_\_\_\_ not everybody enjoys it.
- 2 \_\_\_\_\_ I like fishing, I don't catch a lot of fish.
- 3 The factory manager gets very angry sometimes. \_\_\_\_\_, he is very good at his job.
- 4 The book wasn't very interesting. I read it from start to finish,

1.6

1.5

1

A Look at PB page 5. Match the words to the pictures. Write the numbers in the boxes.



#### **B** Complete these sentences.

- 1 A \_\_\_\_\_\_ is smaller than a river.
- 2 You will find a \_\_\_\_\_ between two hills.
- 3 You cannot see far on a \_\_\_\_\_ day.
- 4 You cannot grow crops in a \_\_\_\_\_.
- 5 \_\_\_\_\_ weather helps crops to grow.
- 6 A \_\_\_\_\_ is bigger than a hill.

### C Complete the paragraph using words from the box.

dr	rink	valley	looked	hot	walk	beach	n boats
sti	ream	cold	coastline	fishi	ng	sunny	climbed
It was a _		afte	ernoon, so T	om deci	ded to	go for a	ir
the country	yside. H	He lived	beside the	seal in	a		between two
hills. He		tl	he smaller	of the	two h	ills and,	when he got to
the top, h	ne stop	ped and		ar	ound	him. In	the distance, he
could see	the _		The	ere wer	e son	ne people	e lying on the
	_ in th	e sun. H	e could see	three _		in t	he water. Maybe
the people	in then	n were _		Af	ter his	climb, To	om was
He saw a	small		and	decide	d to s	sit next to	o it and have a
	The	water wa	s nice and			He lay b	back in the warm
grass thinki	ing. 'Wł	nat a nice	way to spend	l an afte	rnoon. <sup>†</sup>	,	

#### 1.7

#### A Listen to the conversation once and tick the correct information.

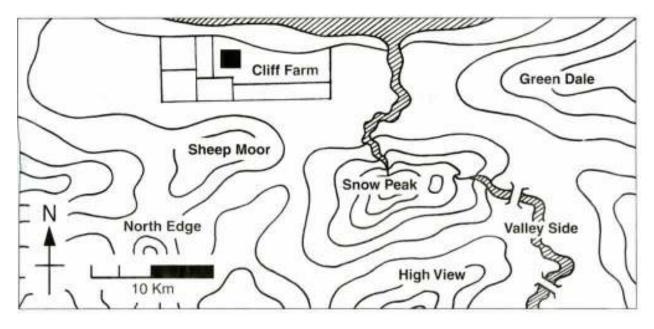
1	Mike and Andy are
	a) in a boatb) in a fieldc) on a mountain
2	Andy is
	a) hurt b) angry c) happy.
3	The weather is
	a) sunny b) misty c) wet.
4	It is
	a) early morning b) early evening c) night-time.

6

5 At the end of the conversation, Andy and Mike are



- a) happy b) worried c) amazed.
- B Listen again and look at the map. Answer the questions by marking the positions on the map.
  - 1 Where did Andy and Mike cross the river together?
  - 2 Where did Andy leave Mike?
  - 3 Where did Andy fall?
  - 4 Where are they now?



### C Describe to your partner the location of Andy and Mike exactly. Use some of the following words and phrases.

near ... north of ... / south of ... on the east side of ... about ... kilometres from ...

### D Role play a telephone conversation with your partner.

- Pupil AImagine you are stuck on Snow Peak. You have a mobile phoneDecide where you are. Call Snow Peak Rescue. Describe your location.
- **Pupil B** Your work for Snow Peak Rescue. You get a call from someone stuck on the mountain. It's getting dark, so you have to find exactly where he/she is.
  - E Work in pairs. Think of a place in the countryside and describe its location. Your partner tries to guess where it is.

#### A Read the text on PB page 6. Find words that mean the following:

- 1 not being at work *para 1*\_\_\_\_\_
- 2 a road near the sea *para 1*\_\_\_\_\_
- 3 eating grass *para 1*\_\_\_\_\_
- 4 a machine used by a farmer *para 1*\_\_\_\_\_
- 5 turning over the soil *para 1*\_\_\_\_\_
- 6 most important or biggest *para 2\_\_\_\_\_*
- 7 the highest part of a mountain *para 3*\_\_\_\_\_
- 8 see with difficulty *para 3*\_\_\_\_\_

#### **B** Read the text again and write short answers to these questions.

- 1 Where did the writer spend his holiday?
- 2 Which road did he take when he began his drive?
- 3 In which direction was the sea?
- 4 What was nearer the writer, the farmer or the cows?
- 5 What were the birds looking for?
- 6 When did the writer see the river?
- 7 What happened to the river?
- 8 Where did the road end?
- 9 Was the peak above or below the place where the road ended?
- 10 Why did the writer climb down from the peak?
- 11 What was the weather like when he started eating his sandwiches?
- 12 What suddenly happened to the weather?



### Use the information you know about 'A drive in the countryside' to answer these questions.

- 1 Why do you think the writer decided to go for a drive?
- 2 Why do you think he chose to drive into the hills and mountains?
- 3 Do you think the car went faster or slower as he drove on past the river?
- 4 When the writer described the view from the mountain peak, did he describe what was closer or further away from him first?
- 5 How do you know he drank from the stream?
- 6 Why did he leave the mountain before he finished eating?

#### **B** Complete these sentences.

- 1 The opposite of left is \_\_\_\_\_.
- 2 We use kilometres to measure \_\_\_\_\_.
- 3 A farmer often uses a \_\_\_\_\_ to break up the soil.
- 4 A mountain is \_\_\_\_\_ than a hill.
- 5 If a number of streams meet or come together, they become a
- 6 Between two hills you will always find a \_\_\_\_\_.
- 7 A place where very little or nothing grows is called a \_\_\_\_\_.
- 8 If the weather is \_\_\_\_\_\_, it is not easy to see where you are going.

Α

С Written descriptions should be organized with the reader in mind. In the text on PB page 6, the writer started with things at a distance. Another way is to start writing about things which are nearby. Re-order this paragraph to make a description going from near to far.

I sat in the car and looked around me. A little bit further away, to my left, a man was waiting for a bus. In the distance were some hills, the tops of them covered in mist. Just in front of me, a family of four were having a picnic. Opposite him, to my right, three men were sitting, drinking coffee. Further away, two women were walking down the road.

1.10	Α	Make phrases with the adjectives in the correct order.
	1	hair black/long/beautiful
	2	table long/metal/green
	3	house Yemen/amazing/300-year-old
	4	man fat/English/heavy
	5	boat dark green/wooden/lovely
	6	trousers old/horrible/wool
	7	child happy/Indian/eight-year-old
	8	window glass/big/rectangular

10

### **B** Re-write these sentences to change the information focus.



- 1 He felt very happy looking at the wonderful view.
- 2 There were many boats on the water.
- 3 After eating his dinner, he went to look his cows.
- 4 In the distance were some high mountains.
- 5 The cold, clear stream ran down the valley.

### C Join these sentences using the *-ing* form of the verb.

- 1 The birds followed the plough. They were looking for something to eat.
- 2 The men felt happy. They were lying in the sun after work.
- 3 Rashid swam in the sea near his house. He was enjoying the cool water.

### 1.11 A Re-read the first paragraph on PB page 8 and write short answers to these questions.

- 1 Why does Jane look out of the window every morning?
- 2 What was the weather like this time?
- 3 Is the wood near to Jane's window?
- 4 What do you find in a wood?
- 5 How many cows could Jane see in the field?
- 6 What was in the field next to the cows?
- 7 What can Jane see which is not in the picture?
- 8 Why do you think Jane was suddenly hungry?

#### B Word work

1	What do you have at a window to stop people looking in?
2	What is a <i>wall of mist?</i>
3	What do you think <i>chewing the cud</i> means?
4	What does the word <i>suckle</i> mean?
5	Choose the closest in meaning to 'cackling':
	a) sleeping b) making a noise c) running
6	A chicken's claw is on its
	a) tail b) head c) feet.
7	A chicken's beak is its
	a) mouth b) feet c) wings.

#### 1.12 A Write a description in your copybook.

- 1 Describe a scene you know. It could be the view from your classroom window, from your house, or a favourite place that you are familiar with.
- 2 Remember to write your description in a particular order. You can begin with what is in the distance and finish with what is closest to you, or you can do it the other way around.
- 3 At the same time as you follow the pattern in 2, describe what is on your right and on your left. It does not matter in which order you do this.
- 4 Includes descriptions of people, animals, cars, motor bikes, fields and other things you can see or are likely to see.
- 5 Do not forget to describe the colours of things in the view.

### Unit 2



### 2.1 A Complete these sentences with suitable words from the box. They are taken from PB page 9.

commence scruffy diligent artefacts recklessly telescope painkillers hopeless darken unwell

- 1 In the market are many jewellers and potters, selling their \_\_\_\_\_.
- 2 'Let the ceremony \_\_\_\_\_!' said the old man, and the music started.
- 3 If you want to get better marks, you must be more \_\_\_\_\_
- 4 The sailor put his \_\_\_\_\_\_ to his eye and looked at the ships on the horizon.
- 5 I have a headache. Can I have some \_\_\_\_\_, please?
- 6 Why doesn't he wear better clothes? He's quite rich, but he always looks \_\_\_\_\_\_.

B Work out the meaning of the underlined words. First, write what kind of clue helps you.

1 'Too many crimes go unpunished,' says Police Chief.

Clue: \_\_\_\_\_

Meaning:

2 The firemen were <u>exhausted</u> after fighting the fire. 'I'm extremely tired,' one said. 'I just want to sleep.'

Clue:

Meaning:

3 'Don't be silly. Try to behave in a <u>sensible</u> way,' the teacher said.

Clue: \_\_\_\_\_

Meaning:

4 We've just bought a <u>microwave</u> to save time cooking.

Clue: \_\_\_\_\_

Meaning: \_\_\_\_\_

5 In his book, Hussein wrote about his many <u>exploits</u>, such as sailing around the North Pole and flying in a balloon.

Clue: \_\_\_\_\_

Meaning: \_\_\_\_\_

	6	Many trees a	and bushe	s are <u>evergr</u>	eens, that is to say	y they have leaves	
		all year roun	ıd.				
		Clue:					
	7				d because she wr		
		Clue:					
		Meaning:					
2.2	Α	Write answ	vers to tl	he auestia	ns on PB page	10.	
					J- J-	-	
1 a)	ł	o) (	c)	d)	e)	f)	
-		)				f)	
2						f)	
2 3		·				f)	
2 3 4		· · · · · · · · · · · · · · · · · · ·					
2 3 4 5							
2 3 4 5							
2 3 4 5 6							

### B In which articles do you think you will find the following sentences? Write the headlines.

- 1 'I nearly died,' the tourist said. 'But I feel great now.'
- 2 The couple met at Primary School.

3 'It's frightening,' he continued. 'It's happening so quickly.'

4 The ring-road is to be widened.

5 It held back a 500m-long reservoir that contained 300 litres of water

6 A man was later arrested for careless driving.

14

<ul> <li>PB page 10. Write the headlines of the stories.</li> <li>1</li> <li>2</li> <li>3</li> <li>B Listen again and answer these questions.</li> <li>1 a) Where was the witness at the time of the accident?</li> <li>b) Did the witness see the accident?</li> <li>c) How many cars were there in the accident?</li> <li>d) How did you know it was very foggy?</li> <li>e) How did the witness know that the passenger in the black car was</li> </ul>		7	None of the 159 passengers and crew survived.
<ul> <li>3 the early part of a person's life 4 get back to normal health</li> <li>5 uncommon 6 watch carefully</li> <li>2.3 A You are going to hear three interviews connected with storie PB page 10. Write the headlines of the stories.</li> <li>1</li> <li>2</li> <li>3</li> <li>B Listen again and answer these questions.</li> <li>1 a) Where was the witness at the time of the accident?</li> <li>b) Did the witness see the accident?</li> <li>c) How many cars were there in the accident?</li> <li>d) How did you know it was very foggy?</li> <li>e) How did the witness know that the passenger in the black car was f) The witness thinks that the accident was the fault of the drive</li> </ul>		С	Find words or phrases in the text that mean the following:
<ul> <li>5 uncommon 6 watch carefully</li> <li>2.3 A You are going to hear three interviews connected with storie PB page 10. Write the headlines of the stories. <ol> <li>1</li> <li>2</li> <li>3</li> </ol> </li> <li>B Listen again and answer these questions. <ol> <li>a) Where was the witness at the time of the accident?</li> <li>b) Did the witness see the accident?</li> <li>c) How many cars were there in the accident?</li> <li>d) How did you know it was very foggy?</li> <li>e) How did the witness know that the passenger in the black car was</li> <li>f) The witness thinks that the accident was the fault of the drive</li> </ol> </li> </ul>	1 fall	l down	2 start working
<ul> <li>2.3 A You are going to hear three interviews connected with stories PB page 10. Write the headlines of the stories.</li> <li>1</li></ul>	3 the	e early part	of a person's life 4 get back to normal health
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<ul> <li>c) How many cars were there in the accident?</li></ul>			b) Did the witness see the accident?
<ul> <li>d) How did you know it was very foggy?</li> <li>e) How did the witness know that the passenger in the black car was</li> <li>f) The witness thinks that the accident was the fault of the drive</li> </ul>			
f) The witness thinks that the accident was the fault of the drive			<ul> <li>d) How did you know it was very foggy?</li> </ul>
			e) How did the witness know that the passenger in the black car was hurt?
g) Is she a good witness?			g) Is she a good witness?

- **2** a) How long was he in hospital?
  - b) What was he doing when he collapsed?
  - c) Why did he collapse?
  - d) What had his wife said before they went walking?
  - e) Who called the ambulance?
  - f) What did the doctor say he needed?
  - g) Do you think they have a good relationship? Why? Why not?
- **3** a) Who is Robin Crow?
  - b) How long has he had this hobby?
  - c) Where does the black stork usually live?
  - d) Why is it in Britain?
  - e) When was the last time it was seen in Britain?
  - f) How would you describe Robin Crow?

### C Choose one of the stories and use your answers to write a short report in your copybook.

### 2.4 A These are words from the first text on PB page 11. Choose the best meaning.

1	<i>nightmare</i> a)	a bad night's sleep 🗌 b) a frightening dream 🗌 c) a pleasant dream 🦳	
2	<i>awful</i> a) ve	ery long b) very bad c) very good	
3	calm down	a) talk more clearly b) stop being excited c) stop being sad	

16

#### Answer these questions about Don's dream. Α



	1	Who was in the fields?
	2	Who was driving the tractor?
	3	Who was holding a gun?
	4	Why didn't they run away?
	5	Which words or phrases tell you that the dream was unpleasant?
	C	These are words from the second text on PB page 11. Choose the best meaning.
	1	brilliant
		a) very dark d) very cold c) very good
	2	lost my hold on
		a) could no longer hold b) held tighter c) pulled out
	D	Answer these questions about Debbie's dream.
	1	What was she flying in at the beginning of her dream?
	2	How did she fly over the mountains?
	3	How high did she fly?
	4	Which words or phrases tell you that the dream was very pleasant?
2.5	A	Write the correct form of the verb in brackets.
1	My cousin (to	be) to be married next month.
2		ke up) yesterday, my mother (to work)
		and my little brother (to play) outside.
3		our father's new car (to come) along the road, we all
		to meet him.
4	These apples (	to buy) were yesterday, so they should be fresh.
5	At the wedding	g, the men (to dance) outside, when it (to start)
		to rain.

- 6 A new road (to build) \_\_\_\_\_\_ to the village soon and then it will be easier to get to town.
- 7 Quick! Go and check in the kitchen! I can smell something (to burn) \_\_\_\_\_\_.
- 8 The new hospital (to open) \_\_\_\_\_\_ by the Prime Minister last week.

#### **B** Rewrite these sentences with the correct punctuation.

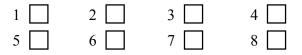
\_\_\_\_\_

- 1 I heard somebody shouting don said then I saw two men running towards us
- 2 who were they Jim asked and what were they doing

#### C Write these headlines as complete sentences.

- 1 Victim of Road Accident Dies
- 2 220 Dead in Air Crash: No Survivors
- 3 Thick Fog to Clear by Afternoon, Then Sun
- 4 New Cars Sign of Wealth

2.6 A Match the pictures and definitions on PB page 13. Write the letters in the boxes.



18

### **B** Develop your vocabulary. Explain the underlined words.



- 1 The radio station was flooded with telephone calls.
- 2 Recently there has been a crime <u>epidemic</u> in the capital.
- 3 The news of the Princess's death spread around the country <u>like a</u> <u>forest fire.</u>
- 4 In the mornings the headteacher rushes around the school <u>like</u> <u>a hurricane.</u>
- C Answer these questions using words from the box in your answers.

shortage molten sections

1 What happens if you heat metal to a very high temperature?

- 2 How is an orange divided?
- 3 You see long queues of cars at petrol stations. Why do you think this is?

### 2.7 A What is each paragraph of the text on PB page 14 about? Write the paragraph number next to each of these headings.

- What is happening now
- What happened during the storm
- A summary of the disaster
- More recent events

B Find the answers to these questions as quickly as you can.

- 1 What were the two main effects of the hurricane?
- 2 What two things caused the damage?
- 3 Why can the rescue teams only do little for most of the people?

#### C Vocabulary.

#### Paragraph 1

- 1 Find a phrase that means *since anybody can remember*.
- 2 Find a word that means the opposite of *town*.
- 3 Find a word that means *having nowhere to live*.

### Paragraph 2

Find these words and tick the best meaning.

4	tore a) pull	ed b) cooled c) destroyed
5	plantations	a) land covered with cattle b) land planted with trees or crop
		c) shops selling bananas
6	flattened	a)broken b) blown down to the ground c) badly damaged
7	landslide	a) flash flood b) earthquake c) earth slipping down a mountain

8 *swept* a) moved quickly b) covered c) moved very slowly

#### Paragraph3

5

9 Which sentence means the following: *People could at last see how much had been destroyed?* 

five metres \_\_\_\_\_

#### E Talk about the disaster.

- 1 Describe the damage in the towns.
- 2 Describe the damage in the countryside.
- 3 'Crowds of people stood around silently.' Why were they silent?
- 4 How do you think the people in the rescue teams felt?

20

er.



1\_\_\_\_\_ 2\_\_\_\_ 3\_\_\_\_ 4\_\_\_\_\_ 5\_\_\_\_

- B The two people below are going to listen to the News on the radio. Imagine you are one of them; your partner is the other one. Listen to the headlines. Which item of news (the first, second or third) will you be most interested in? Note it down.
  - 1 Cliff Jones is 34. He lives in Cardiff. At the moment, he does not have a job. He has worked in a car factory in the past.
  - 2 John Trim is a businessman. He is about to fly to the Far East on a business trip. He plans to visit Manila, the capital of the Philippines.

#### C Pupil 1: If you are Cliff Jones, listen and answer these questions. Write notes.

1 When will Izuko start building their new car factory?

2 Where exactly will it be built?

3 When will the factory open?

4 a) How many jobs will there be at first?

b) After four years?

#### Use your notes to answer this question.

Will Cliff ask for a job at this factory? Give a reason.

# Pupil 2: If you are John Trim, listen and answer these questions. Write notes.

- 1 Why did many people leave Manila yesterday?
- 2 a) How many people have been killed in the north?b) Injured?

- 3 Why do you think that the number of deaths and injuries is so high?
- 4 How many homes have been destroyed?

#### Use your notes to answer this question.

Will John still go to Manila on business? Give a reason.

### D Listen to the other news item and answer as many questions as you can. Write notes.

1 Where have the remains of the Globe Theatre been found?

- 2 How far underground are the remains?
- 3 Which famous person acted in the Globe?
- 4 When was the theatre built?
- 5 What destroyed the theatre in 1613?
- 6 Do we know what shape the theatre was?

#### 2.9 A Read the notes below.

#### There are two types of question.

#### Wh- questions

Wh- questions start with a question word: who, where, which, what, when, why, how. We answer a Wh- question with a piece of information. We usually say Wh- questions with falling intonation.  $(\downarrow)$ 

*Yes/No* questions

Yes/No questions start with the verb to be or an auxiliary verb.

**Examples:** Are you happy?

Do you want a cup of tea?

Can you tell me the time, please?

They produce the answer Yes or No.

We usually say *Yes/No* questions with rising intonation.  $(\uparrow)$ 

# Practise asking both types of question. Your voice rises or falls on on word in the question. You will see ( $\downarrow$ ) or ( $\uparrow$ ) before the words where this happens. Say each question.

- 1 Who's your best ( $\downarrow$ ) friend?
- 2 Where does your best friend ( $\downarrow$ ) live?
- 3 What does your best friend like  $(\downarrow)$  doing?
- 4 Does your best friend like ( $\uparrow$ ) sailing?
- 5 Does your best friend live  $(\uparrow)$  nearby?
- 6 Does your best friend have a ( $\uparrow$ ) boat?

# B You are a reporter. You want to find information about someone for your newspaper. Match the information (A to E) to the questions (1 to 5), and write the correct letter in each box.

- A His occupation
- B His favourite hobby
- C Frequency of visits to restaurants
- D His age
- E His address
- 1 Does he live in this village?  $(\uparrow)(\downarrow)$
- 2 Does he eat out often?  $(\uparrow)(\downarrow)$
- 3 How old is he?  $(\uparrow)(\downarrow)$
- 4 What does he do?  $(\uparrow)(\downarrow)$
- 5 What does he like doing best?  $(\uparrow)(\downarrow)$

### Say the questions above. Does your voice rise or fall? Circle the correct arrow.



#### С Work in pairs. Interview your partner about his/her family and note his/her answers in the table.

	My Partner
Name:	
Age:	
Address:	
Kind of house:	
Father's name:	
Father's occupation:	
Mother's name:	
Mother's occupation:	
Number of brothers:	
His/their occupation (s):	
Number of sisters:	
Her/their occupation (s):	
Other information:	

#### 2.10 Complete these sentences with the correct tense of the verb Α in brackets.

- 1 Over the years there (to be) many disastrous volcanic eruptions.
- The worst (to take place) \_\_\_\_\_\_ in Krakatoa in 1883. 2
- 3
- 4
- 5
- The plane (to take off) \_\_\_\_\_\_ from London two days ago. 6 The pilot (to contact) \_\_\_\_\_\_ Jeddah airport one hour. 7
- before the plane (to crash) \_\_\_\_\_\_. 8 Several people (to die) \_\_\_\_\_\_ recently as a result of
- traffic accidents.
- Last Thursday two small children (to be) \_\_\_\_\_\_ killed by 9 a speeding car.

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10 Only yesterday morning a lorry (to go) \_\_\_\_\_\_ out of control and (to drive) \_\_\_\_\_\_ into a crowded market place, killing six people and injuring over 20.



- B Look at these sentences. Think about whether the second sentence in each pair gives *additional* or *necessary* information. Then join each pair to make single sentences.
  - 1 The bus has had an accident. I come to school on it.
  - 2 The Great Fire of London happened in 1666. Thousands of buildings were destroyed in it.
  - 3 The man has mysteriously disappeared. I was talking to him yesterday.
  - 4 The American earthquake killed over 25,000 people. I have to write about it in the next lesson.
  - 5 The flood of 1953 is still the worst in living memory for the people of The Netherlands. New dams were built after it.

\_\_\_\_\_

### C Complete these sentences with a suitable adverb or adverbial phrase in answer to the questions.

(When?) \_\_\_\_\_\_ (Where?) \_\_\_\_\_\_ a terrible famine killed thousands of people.
 After the heavy rain, water rushed down the wadi (How?) \_\_\_\_\_\_ and demolished tens of houses (Where?) \_\_\_\_\_\_.
 During the drought (Where?) \_\_\_\_\_\_ people queued (How?) \_\_\_\_\_\_.
 (How long?) \_\_\_\_\_\_ for just a litre of water.

4 (Where?) \_\_\_\_\_\_ (When?) \_\_\_\_\_\_ a forest fire destroyed over 100 hectares of woodland in (How long?) \_\_\_\_\_\_.

### 2.11 A Answer these questions as fast as you can.

- 1 How many newsflashes are there on the page?
- 2 When did the first arrive?
- 3 When did the most recent arrive?
- 4 At what times did these newsflashes arrive:
  - a) the one in which Spivak is first mentioned?
  - b) the one about the risk of epidemic?
  - c) the one about Gorbachov?
  - d) the one about an earlier earthquake?
  - e) the one in which somebody said that tents and blankets were needed?
  - f) the one in which flats are mentioned?

### B Work with words.

- 1 Find words or phrases that mean the following:
  - a) finding the size of something \_\_\_\_\_
  - b) system of units for describing the size of something \_\_\_\_\_\_
  - c) take responsibility for \_\_\_\_\_
  - d) trying to do something \_\_\_\_\_
  - e) doing something without tools or equipment \_\_\_\_\_

\_\_\_\_\_

- f) every fifth \_\_\_\_\_
- 2 Find the names of two diseases.



- 3 Number these phrases in order of strength. Begin with the weakest.
  - considerable damage
  - total damage
  - serious damage
  - slight damage
  - great damage
- 4 The blocks of flats fell down *like a pack of cards.* What does this tell you? Tick the correct answer.
  - a) They did not fall down but resisted the earthquake.
  - b) They all fell down one after the other.
  - c) Only a few fell down.
  - Find out what a pack of cards is.

### C Answer these questions.

- 1 Which town was completely flattened?
- 2 What is Leninakan?
- 3 Where was the President when the earthquake hit?
- 4 Why is there a risk of epidemic?

# 2.12 A Look again at your answers to activity 2.7A and at the newspaper report on PB page 14. Which tenses were used in each paragraph?

Begin with the summary.	
Describe the disaster itself.	
Describe the effects of the disaster.	 
Describe what is happening now.	

### B Imagine reports written with these different headlines. Think about how each headline would make each report different.

- President to Return
- Thousands Homeless in Leninakan
- Epidemic Risk 'Great'
- No Equipment for Rescue Workers

### C Write your own report. Choose one of the headlines from activity B before you start.

- Include things that people actually said . Look at the texts on PB page 10 and study the punctuation used when writing down what people say.
- Think about which pictures you would use.
- Remember to check your report before you write it out neatly.

### Unit 3



#### 3.1

A Say these words. The stressed syllables are underlined.

careerrequirequalificationapplyapplicationapplicantattendadvantagevacancy

B To 'apply' for a job means to ask for a job officially. Find other words in the adverbs on PB page 17 fromed from this word.

#### C Find words that mean the following:

#### **Underlined words**

- 1 unfilled jobs \_\_\_\_\_
- 2 managed \_\_\_\_\_
- 3 amount of money as pay \_\_\_\_\_
- 4 saying you can have \_\_\_\_\_
- 5 ready, prepared \_\_\_\_\_
- 6 something that puts you ahead of other people \_\_\_\_\_
- 7 things that show you have had the right training \_\_\_\_\_
- 8 what you have to do \_\_\_\_\_

#### Other words

- 9 doing and finding out about something \_\_\_\_\_
- 10 organization and office work \_\_\_\_\_
- 11 the world around us \_\_\_\_\_
- 12 knowing about \_\_\_\_\_
- 13 disabled people \_\_\_\_\_
- 14 written permission to drive \_\_\_\_\_
- 15 help given to an injured person before the doctor comes \_\_\_\_\_
- 16 the science of selling \_\_\_\_\_

### D In your copybook, make phrases using the verbs in Box 1 and the nouns in Box 2.

Box 1 - verbs			
apply for	r follo	w run	send for
offer	require	attend	interview
	re	ceive	

Box 2 - nouns			
position	career	office	vacancy
salary	application	form	qualifications
	interview	applica	int

#### E Now make sentences with these phrases.

Example:

follow/career. He followed a career in business.

#### 3.2

A A reporter asks four people this question: 'Do you think your job is worthwhile?' Listen and match the jobs and statements by writing the letters in the answer boxes.

A teacher B fire-fighter C businessman D nurse

- We also save people's houses and their places of work.
- We work very long hours and they don't pay us much.
- I help to build the future of the country.
- People think we just make money for ourselves.

# B Listen again and make notes of some of the other things the speakers say to show that their jobs are worthwhile. Then discuss these questions.

Do you agree that these jobs are worthwhile? Which one do you think is the most worthwhile? Is the job that you want to do worthwhile?

C Two women, Mary and Susan, meet while waiting to pick up their children from a school swimming competition. Susan asks Mary a lot of questions about her job. Listen to their conversation. What does Mary answer to the questions? Write *Yes* or *No.* 

1	Do you work in an office?	
2	Do you work with other people?	
3	Do you make something?	
4	Do you give a service?	
5	Are you anything to do with medicine	
	- doctors, hospitals, and so on?	
6	Do you meet the public?	
7	Do you work in a shop?	

- 8 Do you wear special clothing in your job? Or a uniform?
- 9 And is your job dangerous?
- 10 You're a police officer.



### D Listen again and answer these questions.

- 1 What does Susan do?
- 2 What will happen when Mary answers 'No' five times?
- 3 What does Mary do?
- 4 Does Susan think Mary's job is unusual? How do you know?

### 3.3 A Read the descriptions of people on PB page 18 and fill in this table.

Ambition	Best	Interests/	Character
	subjects	activities	
Patrick			
Andrew			
Clare			
Diana		<u> </u>	
Diana			
Justin			
Fareeda			

### B Find words that mean the following:

- 1 to be liked by other people \_\_\_\_\_
- 2 works well, without wasting time or energy \_\_\_\_\_
- 3 very, very good \_\_\_\_\_
- 4 spare-time interests \_\_\_\_\_
- 5 to organize and perform a play \_\_\_\_\_
- 6 to be successful in a test \_\_\_\_\_

### 3.4 A Look at the conversation and phrases on PB page 19. Find words or phrases that mean the following:

- 1 somebody who gives advice \_\_\_\_\_
- 2 somebody in their last year at school \_\_\_\_\_
- 3 I don't know \_\_\_\_\_
- 4 very bad \_\_\_\_\_
- 5 in the time just before now \_\_\_\_\_
- 6 that's all that I can think of \_\_\_\_\_
- 7 in your position (two phrases)
- 8 to refuse \_\_\_\_\_

### **B** Answer these questions.

- 1 What does the school-leaver want to do after leaving school?
- 2 What has he been thinking about?
- 3 Why doesn't he want to do the same job as his mother?
- 4 Has he had any work experience? Where?

### 3.5 A Read these sentences and underline the more suitable form of the verb.

1 She has never visited/has never been visiting India in her life.



- 2 Why haven't you tidied your room? O *I have done/have been doing* my homework.
- 3 We *have known/have been knowing* him for a long time.

4 Why haven't they arrived/haven't they been arriving?

- 5 I have gone/have been going out a lot recently. That's why I'm tired.
- 6 We *have walked/have been walking* for three hours now. Can we stop for a rest?

#### В Write the verbs in brackets in the more suitable form of the Present perfect.

- 1 Well done, Fareeda! You (to get) \_\_\_\_\_ much better marks in the last two months.
- 2 The drought is terrible. It (to rain) \_\_\_\_\_\_ for the last five years.
- 3 I (to be; never) \_\_\_\_\_\_ to Great Britain. I hope to go one day.
- 4 In his life my father (to visit) \_\_\_\_\_ many different countries. He often tells us about them.
- 5 The manager (to listen) \_\_\_\_\_\_ to your new song twice and, to be honest, he doesn't like it.
- 6 Tell Faisal to come and help. He (to listen) to his cassettes for long enough now.
- 7 I (to know) \_\_\_\_\_ my best friend for almost fourteen years.
- 8 I (to work) \_\_\_\_\_\_ at the computer for ten

hours non-stop. It's no wonder my eyes hurt.

#### С In the sentence below, cross out the incorrect forms of the verbs. Note that in some sentences both forms are correct.

- 1 Would you like *staying/to stay* at home or would you prefer *going/to* go for a walk along the corniche?
- 2 I hate to *work/working* in the evenings so I start *work/to work* very early in the morning.
- 3 I would hate *being/to be* in his shoes when his father starts to *look/lookin*g at his homework.
- 4 Ali's father continues *to live/livin*g in the town although the rest of the family would prefer *living/to live* in the country.

### 3.6 A Complete these sentences about jobs.

#### Example:

Somebody who manages projects is a *project manager*.

- 1 Somebody who builds houses is \_\_\_\_\_\_.
- 2 Somebody who makes furniture is \_\_\_\_\_\_.
- 3 Somebody who drives buses is \_\_\_\_\_.
- 4 Somebody who plays football is \_\_\_\_\_
- 5 Somebody who has just left or is about to leave school is

6 Somebody who grows coffee is \_\_\_\_\_.

- 7 Somebody who tames lions is \_\_\_\_\_.
- 8 Somebody who walks along tightropes is \_\_\_\_\_

### Think about jobs 7 and 8. Where might you see people doing these things?

### B Write sentences like the one below using the words in brackets.

#### Example:

### *If you want to be a shopkeeper, you must be friendly. You must show friendliness.*1 (good student; diligent and conscientious)

- 2 (policeman; polite and confident)
- 3 (designer; able and computer literate)



#### С Use your own words to complete these sentences about the qualities you need in the following jobs.

1 To be a good tourist guide you should be able to

\_\_\_\_\_, be willing to

\_\_\_\_\_ and be good at

- 2 To be a good teacher you should be able to \_\_\_\_\_, be willing to \_\_\_\_\_\_ and be good at
- 3 To be a good doctor you must be able to \_\_\_\_\_, be willing to \_\_\_\_\_ and be good at

3.7 Listen and underline the stressed syllables. Α

> ambitious successful available selected inadequate

#### Listen to the following questions related to job applications. В Underline the words or syllables where the voice falls or rises and draw arrows ( $\uparrow$ or $\downarrow$ ) to show the direction.

- What qualifications do I need? 1
- 2 What is the training like?
- Is the job here, or do I have to leave home? 3

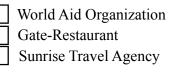
#### Listen to some people talking about jobs. Answer these questions. С

- 1 Which of these are you listening to? Tick your answer. a) Job descriptions b) Job advertisements c) Job interviews
- 2 The people are talking about the following organizations. Number them in the order you heard them.

Police

Zoo

Television company



## D Listen again and fill in the table below. The first one has been done for you.

	Vacancy	M/F	Quals.	Age	Contact
1	Teaching	Both	Good Health	Under 20	P.O.Box 791
	Work in clinic				
2					
3					
4					
5					
6					

#### M = Male F- Female

## E In your copybooks, use your notes from activity D to summarize the advertisements like this:

The World Aid Organization has vacancies for ... Applicants must ... Applicants should ...

#### 3.8

#### A Answer these questions about the advertisement on PB page 22.

- 1 What kind of work would applicants have to do in this job?
- 2 Should a Primary School teacher apply for this job? Why? Why not?
- 3 Why should applicants have a driving license?
- 4 Should somebody who is 24 apply? Why? Why not?
- 5 Should applicants telephone to ask for an application? Why? Why not?



#### **B** Find other ways of saying the following:

- 1 somebody who has been to college or university
- 2 In this job you have to help adults learn how to read and write better.
- 3 It would be useful if the applicant could drive a car.
- 4 The applicant should be able to explain things to people clearly.
- 5 from 21 to 25 years old
- 6 for the year

### C Answer these questions about the letters on PB page 22. Write 'K' for Kate or 'T' for Tim.

- 1 Who wrote first?
- 2 Who is younger?
- 3 Who has been working with adults longer?
- 4 Who has more experience of computers?
- 5 Who has been driving longer?
- 6 Who has the better-paid job at the moment?

#### Who do you think is the better applicant? Why?

#### A With a partner, say the words.

- Pupil A: Say one word from each of the pairs below.
- Pupil B: Close your book. Write the word you hear in your copybook.
- Pupil A: Check the six words in your partner's copybook.
  - 1 get gate 2 sell sail 3 tell tail

4 sheep ship 5 feet fit 6 scheme skim

#### Change roles.

#### Now say these words to each other.

ambitious successful available selected inadequate

## B Ask these questions. Remember, your voice falls on this arrow $(\downarrow)$ and rises on this arrow $(\uparrow)$ .

- 1 What will I have to  $(\downarrow)$  do in this job?
- 2 What qualifications do I ( $\downarrow$ ) need?
- 3 What is the  $(\downarrow)$  training like?
- 4 Do I have to take an exami(  $\uparrow$  ) nation?
- 5 Is the job ( $\uparrow$ ) here, or do I have to leave ( $\downarrow$ ) home?
- 6 What  $(\downarrow)$  prospects are there?
- 7 When can I ( $\downarrow$ ) start?
- C The Sunrise Travel Agency wants to employ a clerk. The employer is interviewing an applicant for the job. Read all the sentences in the interview below silently. Then make conversations.
- Pupil A: Take the part of the applicant. Choose the first of each of the things the applicant says.

## Pupil B: Take the part of the employer. Listen to the applicant carefully and choose a correct reply.

Applicant:What will I have to do in this job?When can I start?Employer:You must be available next week.<br/>Help people book their holidays.Applicant:What qualifications do I need?<br/>What is the training like?

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	second options.
	Change roles. The new applicant should choose the
	Initially you will get £800 a month. Oh, this is a job with a future because more and more people are going on holiday nowadays.
I J	Oh, this is a job with a future because more and more people
	What prospects are there? How much will I earn?
Applicant:	What prospects are there?
	Later you will have the chance to work abroad.
Employer:	No. But we will look at your work after three months. Later you will have the chance to work abroad.
	Is the job here, or do I have to leave home?
Applicant:	Do I have to take an examination? Is the job here, or do I have to leave home?
Employer:	You will learn how to book plane tickets and how to use a computer. You don't need any. We will teach you everything.

- D Ask and answer questions about another job. One of you takes the part of the applicant, the other the employer.
- 3.10 A Use the words in the boxes to complete these sentences. First choose the correct preposition from Box A. Then choose a suitable phrase from Box B. Use each phrase once only. Write any verb in the correct form.

Box A				
to	for	in	of	

**Box B** a quick reply to show you some of my work the job advertised to get a higher salary animal care to work abroad the Far East to shout at animals

- 1 I would like to apply \_\_\_\_\_\_.
- 2 I am very interested \_\_\_\_\_\_.
- 3 I have had 3 years' training \_\_\_\_\_.
- 4 Like you, I do not believe \_\_\_\_\_
- 5 I speak fluent Chinese and Japanese because I have had a lot of experience
- 6 I would be very happy to have the chance \_\_\_\_\_

7	I am also looking forward
8	I would be grateful
В	Look at the pairs of sentences below. Decide whether the connections between them is one of <i>addition</i> or <i>consequence</i>
1	He was lazy and could not speak a foreign language.
	He was not given the job in the Ministry.
2	Ali applied for a lot of jobs in Sana'a.
	He applied for a lot of positions abroad.
3	Fatma is diligent and computer literate.
	She has excellent communication skills.
	She is brilliant at dealing with problems.
4	Mahmoud always got good marks in Science.
	He wanted to become a doctor.
Α	Look at PB page 24. Match the numbers and letters.         1       2       3       4       5       6         6       7       8       9       10       10
	1       2       3       4       5         6       7       8       9       10         Find words on PB page 24 that mean the following:
в	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
<b>B</b>	1       2       3       4       5         6       7       8       9       10         Find words on PB page 24 that mean the following:         design (of a text)
<b>B</b> 1 2	1 2 3 4 5   6 7 8 9 10   Find words on PB page 24 that mean the following: design (of a text) business-like, not friendly
<b>B</b> 1 2 3	1 2 3 4 5   6 7 8 9 10   Find words on PB page 24 that mean the following: design (of a text) business-like, not friendly the name of the first words used when meeting or writing to someone
<b>B</b> 1 2 3 4	1 2 3 4 5   6 7 8 9 10   Find words on PB page 24 that mean the following: design (of a text) business-like, not friendly the name of the first words used when meeting or writing to someone a way of talking politely to a man

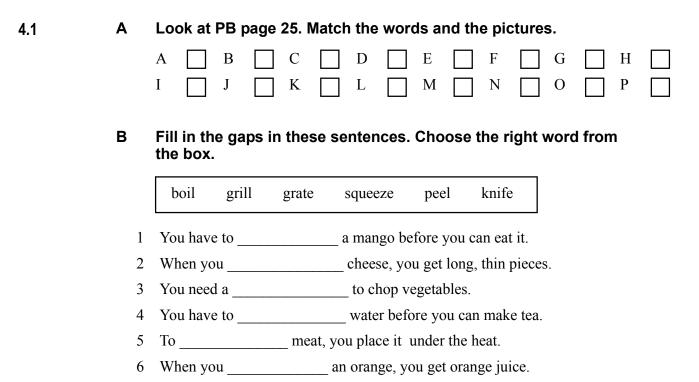
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3.12

3.11

### Unit 4

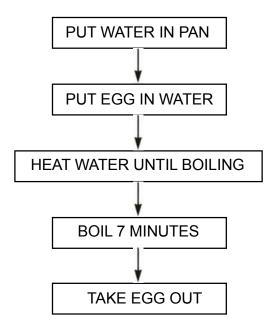




4.2

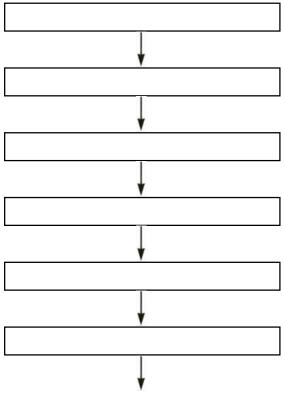
# A flow chart is a simple way of showing information. Look at the text and flow chart below, both showing how to cook a hard-boiled egg. Compare how they give the instructions.

First put some water in a pan. Next put the egg in the water. Heat the water until it is boiling. Then boil for seven minutes. After that, take the egg out of the water.

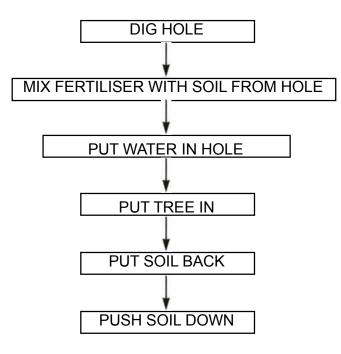


#### B Complete the flow chart using the information in the text.

First choose which programme you want to record. Next put a cassette in the video. Then choose the correct TV channel. After that, check the time the programme begins. Then set the timer on the video. Finally, push the record button.



C The flow chart below tells you how to plant a small tree. Use the information to write a paragraph in your copybooks. Don't forget to use sequence words like *first, next, then, after that* and *finally.* You can use some of them more than once.



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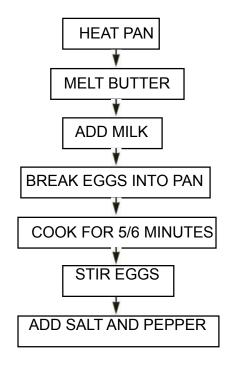
#### Α Read PB page 26 and write short answers to these questions.



	1	What are ingredients?
	2	When does James' mother prepare her ingredients?
	3	What does she do to the tomatoes?
	4	What does she do to the cloves of garlic?
	5	How many spices does she use?
	6	What does she fry the ingredients in?
	7	Which ingredients go in first?
	8	What goes in next?
	9	The word 'simmer' means
		a) fry b) boil gently c) grill.
	10	For how long does she fry the pieces of fish?
В		Look at these sentences and guess the meaning of <i>heat, melt</i> and <i>stir.</i>
	1	When you heat ice, it melts and changes to water.
	2	When you heat food quickly, you should stir it to stop it burning. You
		can stir the food with a wooden spoon.
С		Use the flow chart to tell your partner how to cook scrambled eggs.

### С

Ingredients: eggs (3 for each person), butter, milk, salt and pepper.



## A Use the information on PB page 27 to fill in this table. The first part has been done for you as an example.

Zone	1	2	3	4	5
Height	0 to 300				
in metres					
Climate	tropical				
Vegetation	dates				
	cotton				
	vegetables				
	grain				

### B Discuss with your partner similar information about Southern Yemen. Think about these things:

- the name of one or more of the zones
- the climate
- the vegetation

## C Use the information you have discussed to write five sentences in your copybook about Southern Yemen.

## A Look at the table you completed in the last lesson. Use the information to test your partner. Ask questions like these:

How high are the Eastern mountain slopes?

Where does cotton grow?

Where will you find a subtropical climate?

## B Make conversations. Listen to what your partner says and choose the right thing to say.

#### Pupil A - You begin.

- 1 Can you cook?
- 3 Would you like to learn? Who taught you?
- 5 What do you cook? Why not?
- 7 What do you do if you're by yourself? What's your favourite?
- 9 Do you catch your own fish? You can't go every day.

4.4

4.5

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### Pupil B - Your partner begins.

- 2 Yes, I can. No, I can't.
- 4 No, not really. My aunt.
- 6 I don't have to.
  Lots of things. Fish, lamb, rice, vegetables.
  8 I go to a restaurant.
  - Fish. I love fish.

10 No. I haven't got a boat. Why not?

- C Prepare some notes in your copybooks on the zone you live in. Be ready to tell the rest of the class about it if you are asked.
- A Give instructions for making coffee. Use sequence words and phrases.

B Your supervisor is telling you how to make the sauce for frozen pizzas produced at your factory. You are going to write the process in an instruction manual. Use the Present passive, as your focus is on the ingredients.

First you fry the onions and garlic. Then you add the	First the onions and garlic are fried. Then
spices.	
Next you add the	
tomatoes.	
After that, you cover	
the mixture.	
Finally you simmer for	
fifteen minutes.	
$\sim$	

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4.6

	C	Re-write your instruc	tions for making coffee in the	same way.
	D	Put each verb in brac	kets into the correct tense.	
		Example:		
		While the mixture <i>is boil</i>	ing (boil) gently, you fry (fry) the p	pieces of fish.
	1	While you	( wait) for the water to boil, yo	)u
		(put) the cof	fee in the pot.	
	2		(heat) up, you	(prepare)
		the ingredients.		
	3		) the sauce while the food	
	4	You (sur) (	he soup while it	(simmer).
4.7	Α	Number the main poin	nts of the text in order.	
		Making compound words		
		Using prefixes and suffix	es	
		Taking words from other	languages	
		Changing parts of speech		
	В	Read the text carefully	/ and find:	
Paragrapl	ns 1 and 2:	six languages		
		ten borrowed words		
Paragi	caph 3:	three prefixes	two suffixes	

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Paragraph 5:	a noun which can be a verb		
	an adjective which can be a noun		
	a preposition which can be a verb		

#### **C** Find and underline the prefixes and suffixes in these words.

reporter	unusual
enjoyment	retake
impolite	unbelievable

#### D Which of the following words are compounds? Circle them.

beautiful armchair rename housework magnificent

## E Look at the word in italics in each sentence below. Is it a verb or a noun?

- a) Sharp knives can *cut* you.
- b) The *cut* on his arm was bleeding badly.
- c) Ali decided to go for a *ride* on his bicycle.
- d) The horse was too wild to ride.
- e) You can lead a horse to water but you can't make it *drink*.
- f) I'd like a soft *drink*, please.

#### F Complete the tables below.

Verb	Noun	Noun	Adjective
greet		electricity	
move			shady
	collection	necessity	
advertise		dirt	
	enjoyment	care	
	explanation		successful
	discovery	darkness	
suggest			long

## Look at the text on PB page 30 and write short answers to these questions.

- 1 What was Aisha interested in?
- 2 What did she know about diving?

3 What did this make her believe?

4 How many things did she need to do her experiment?

5 Why did she make holes in the plastic bottle?

6 Where was the longest jet of water?

7 Was Aisha's hypothesis correct?

#### B Read this short text. Then fill in the sheet below.

Galileo was a scientist. One of his experiments is very famous. It was an investigation into the speed of falling objects. He believed that the heavier an object was, the quicker it would fall. In 1584 he climbed to the top of the Tower of Pisa, carrying two metal balls. One ball was heavier than the other. He dropped the two balls at the same time and both balls hit the ground together.

Name:	
Date:	
TITLE:	
HYPOTHESIS:	
<b>MATERIALS:</b>	
<b>PROCEDURE:</b>	
DATA:	
<b>CONCLUSION:</b>	

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Α



## Here is some information about another experiment. Write each piece of information in the correct place in the table.

- Put the toy boat in the jug ...
- 13.12.1999

Α

- A large jug, a bowl, a small toy boat, a pair of scales, some stones.
- Aisha Yousif
- An investigation into water displacement.
- Floating objects displace their own weight in water.
- The data confirms the hypothesis.
- When the stones were put in the boat, some water from the jug overflowed into the bowl.
- When you get into the bath, the level of the water rises.
- Why do metal ships float?

Name:	Aisha Yousif
Date:	
TITLE:	
QUESTION:	
<b>RESEARCH:</b>	
HYPOTHESIS:	
MATERIALS:	
PROCEDURE:	
DATA:	
CONCLUSION:	

#### B Here is the procedure in full. Number the sentences in a logical order.

- \_\_\_\_ Put the jug in the bowl.
- Fill the jug with water right up to the top.
- Fill the toy boat with stones.
- *I* Put the toy boat in the jug.
- Take the jug out of the bowl.
- Weigh the bowl with the water.
- Empty the water out and weigh the bowl again.
- Weigh the stones.

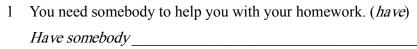
C In your copybooks, draw and label a diagram of the experiment.

## D Here is the data from the experiment. Complete the information with a suitable word in each space.

	When the stones put in the boat, some water from the
	overflowed into the The bowl
	50 grams with the water and 40 grams without, the water
	weighed 10 grams. The stones also weighed 10
Е	Listen to the conversation and tick the correct boxes.
1	Ahmed did the experiment
	a) to prove Galileo's hypothesis
	b) to disprove Galileo's hypothesis
	c) because he had to.
2	He used
	a) two metal balls b) an orange ball and paper
	c) an orange and a paper ball.
3	Saleh agreed with Ahmed that to prove Galileo's hypothesis
	a) the objects should be the same weight
	b) the objects should be different weights
	c) the size and weight do not matter.
4	When the paper ball hit the ground he knew he would not
	a) see it b) hear it c) know it.
5	To help him, he got his
	a) brother b) cousin c) sister.
6	As the balls fell, she
	a) watched b) listened c) shouted to Ahmed.
7	The paper ball hit the ground
	a) at the same time as the orange b) after the orange
	c) before the orange.
8	Which of the following did Saleh conclude was not quite right?
	a) the hypothesis b) the procedure c) the materials

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#### Write sentences using *have* or *get*. Use the correct tense.



- 2 You need the garage to fix your car. (get)
- 3 You need your daughter to do your shopping for you. (have)
- 4 You need advice about your career. (get)

#### **B** Write these sentences in another way.

- 1 If a fish gets hungry, it will be easier to catch.
- 2 If food gets cheaper, you can buy more.
- 3 If you read well, you will enjoy reading more.
- 4 If it gets colder, you'll need warmer clothes.

## C Each of the words below can be a noun or a verb. Write one sentence of each part of speech.

#### **Example:**

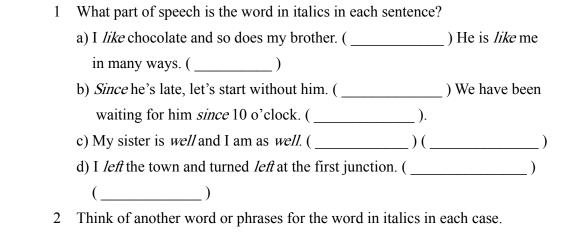
1	heat	<u>If you heat metal, it expands. I don't like heat.</u>
2	fish	
3	cut	
4	saw	
5	milk	
6	fly	

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Α



#### D Read the pairs of sentences.



4.11 A Read the text on PB page 32. Find words or expressions that are the opposite of those below.

- 1 sell \_\_\_\_\_ 2 taken from \_\_\_\_\_ 3 a few \_\_\_\_\_

   4 more and more \_\_\_\_\_\_ 5 slowly \_\_\_\_\_

   6 departure from \_\_\_\_\_ 7 freezing \_\_\_\_\_
- 8 fresh water \_\_\_\_\_

#### **B** Re-read the text and write short answers to these questions.

1 How long after harvesting are frozen peas processed?

2 What happens to the peas that are sent to market?

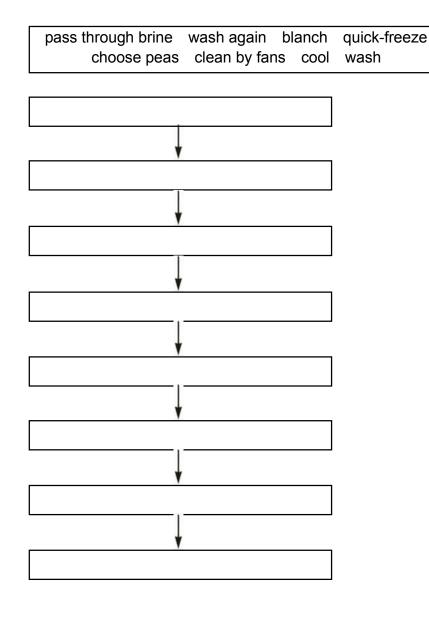
3 What happens to the harder peas at the processing factory?

4 What are used to clean the peas when they arrive?

- 5 What do you call a place where large amounts of frozen food are kept?
- 6 What kind of trucks are used to transport frozen food?



C Look at the expressions in the box below. Use them to fill in the flow chart in the correct order.

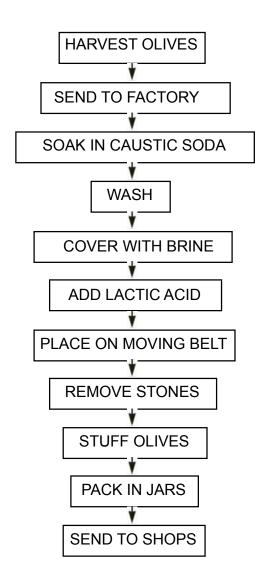


4.12

Α

#### Read this short text about olives. Then look at the flow chart on the next page describing the process of producing stuffed olives for sale in the shops.

Olives are small black or green fruit. In the middle of an olive is a seed called a 'stone'. Sometimes the stones are taken out and red pepper paste is put into the holes that are left. This is called 'stuffing' the olive.

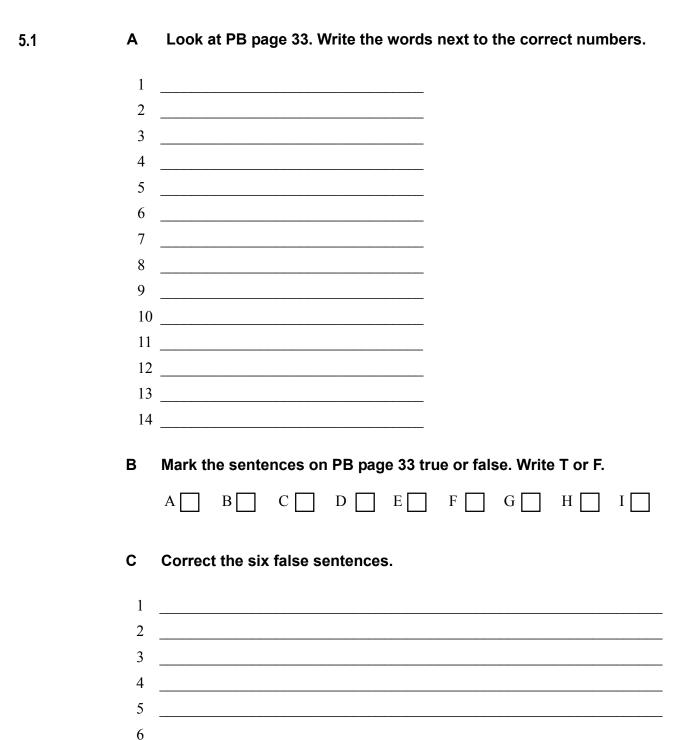


#### Match each of these words from the flow chart with its meaning.

- 1 harvest
- a) long thin strip of rubberb) put
- 2 soak 3 place
  - c) put in liquid for a long period of time
- 4 belt
- d) put in tightly
- 5 remove
- e) small glass bottlesf) take from the trees
- 6 pack 7 jars
- g) take out
- B Use the information in the flow chart to write a description of the process. Use the Present passive. Do not forget to use sequence words and phrases.

### Unit 5



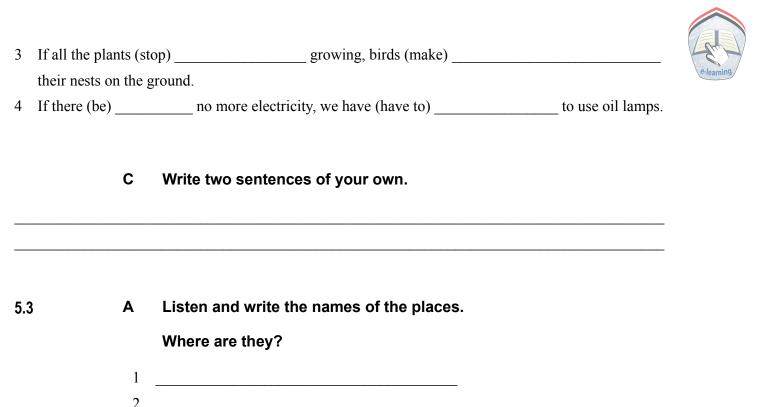


#### D Put the words in the box below into sets.

		4-wheel-drive	e accelerator airpo	rt democracy desertifica	tion
			1	hill ignition key monarchy	
		parliame	nt petrol plain plan		
			steering-wheel to lan	d to take off	
	Ca	rs	Pol	litics	
	Fly	ving	En	vironment	
5.2	 A	Complete thes	se sentences about t	he objects.	
5.2	 A 1	-		he objects. I'm absolutely sure.	
5.2	_	Object 1 must be		I'm absolutely sure.	
5.2	1 2	Object 1 must be	e a be a shower. I	I'm absolutely sure.	
5.2	1 2	Object 1 must be Object 2 I thought Object 2 Object 4	e a be a shower. I 3 was a be a	I'm absolutely sure. 'm not sure. and I was right. It's obvious.	
5.2	1 2 3	Object 1 must be Object 2 I thought Object 2 Object 4	e a be a shower. I 3 was a be a	I'm absolutely sure. 'm not sure. and I was right.	
5.2	1 2 3 4	Object 1 must be Object 2 I thought Object 2 Object 4 Object 5	e a be a shower. I 3 was a be a be a be a pair of gl	I'm absolutely sure. 'm not sure. and I was right. It's obvious.	
5.2	1 2 3 4 5	Object 1 must be Object 2 I thought Object 3 Object 4 Object 5 Object 6	e a be a shower. I 3 was a be a be a be a pair of gl be a	I'm absolutely sure. 'm not sure. and I was right. It's obvious. asses, but it is difficult to see.	
	1 2 3 4 5 6 <b>B</b>	Object 1 must be Object 2 I thought Object 3 Object 4 Object 5 Object 6 <b>Complete thes</b> <b>in brackets</b> .	e a be a shower. I 3 was a be a be a pair of gl be a be a se sentences with th	I'm absolutely sure. 'm not sure. and I was right. It's obvious. asses, but it is difficult to see. Anyone can see that.	of
thirst.	1 2 3 4 5 6 <b>B</b>	Object 1 must be Object 2 I thought Object 3 Object 4 Object 5 Object 6 <b>Complete thes</b> <b>in brackets</b> .	e a be a shower. I 3 was a be a be a pair of gl be a be a se sentences with the rain in Yemen, many peo	I'm absolutely sure. 'm not sure. and I was right. It's obvious. asses, but it is difficult to see. Anyone can see that. e correct form of the verb	

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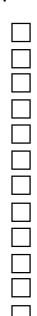
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## B Listen to a woman talking about a special day in her life. Are the statements below true or false? Write T or F.

- 1 Elizabeth became Queen on 2nd June, 1953.
- 2 The ceremony was in London.
- 3 Other kings and queens were at the ceremony.
- 4 The Queen rode through London in a white coach.
- 5 The soldiers were wearing swords.
- 6 People had waited along time to see the Queen.
- 7 The Queen got wet.
- 8 The speaker was at the ceremony.
- 9 The speaker lived in London.
- 10 The speaker got a present.
- 11 There was a picture of the King on the present.
- 12 The speaker liked the music best.



C Listen again and correct the false sentences.

-	
1	Some answers are not given directly. Listen again carefully and think about the information. Then write short answers to these questions.
ł	How long was Elizabeth Queen before she was crowned?
V	What could the Queen hear as she rode through London?
I	How do you know that a lot of people were interested in seeing the
(	Queen ride past?
Ι	Do you think the speaker got wet?
I	Do you think she saw the ceremony in colour or in black and white?

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It	be an elephant but it	be a cigarette or a cu
of coffee. It _	also be	
It	be a boat but itbe	e a bottle or a piece of wo
It	also be	
Where are t	hey?	
Не	be in a rowing boat, but he	be in a motor
boat. He	also be on a	
He or she	be in a shop, but they	be in a
1	· 1 11 TT	
Complete th Who says tl		vords.
Complete th Who says tl	nese sentences with suitable w ne following in their job?	vords.
Complete th Who says th Number 1 Number 2	nese sentences with suitable with suitable with suitable with suitable with suitable with solution of the solu	be
Complete th Who says th Number 1 Number 2	nese sentences with suitable with suitable with suitable with suitable with suitable with solution of the solu	vords. be she be
Complete th Who says th Number 1 Number 2 Number 3	nese sentences with suitable with suitable with suitable with suitable with suitable with suitable with solution with suitable with solution with suitable with suitable with solution with suitable with solution with suitable with suitable with solution with suitable with suitable with suitable with solution with suitable with suitable with solution with suitable w	vords. be she be

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5.4

#### C Discuss these questions.

#### What do this people feel? Why?

- 1 What might he be waiting for? What could have happened? How would you feel if you were in his shoes?
- 2 What could she have heard? What might have happened?

#### D Find words or phrases that mean the following:

- 1 look very carefully at \_\_\_\_\_
- 2 stay \_\_\_\_\_
- 3 hit with your foot \_\_\_\_\_
- 4 puzzle \_\_\_\_\_
- 5 walk with slow, regular steps
- 6 talk in a friendly way about non-important things

#### A Re-write the underlined sentences using suitable modal verbs.

- 1 <u>I am absolutely certain that you are Khaled's brother.</u> He has told us so much about you.
- 2 If I lived in the town, <u>I would be able to visit my friends more often.</u>
- 3 <u>It is possible that I am wrong</u>. I'm not sure.
- 4 It is impossible that it is so late. We've only just started.
- 5 I do not have the ability to see without glasses.
- 6 You are not allowed to speak in a public library.
- 7 <u>Yesterday was Monday, so I'm sure that today is Tuesday.</u>
- 8 I wish that I had the ability to fly like a bird.

5.5

- 9 It is possible that it will rain tomorrow. I'm not sure.
- 10 <u>It is absolutely impossible that you are Khaleds' brother.</u> You're nothing like him.

#### B Write the verbs in brackets in the correct form.

- 1 When Ali saw the teacher (come) \_\_\_\_\_\_ along the corridor, he ran back into the classroom.
- 2 In the mornings, after prayer, I always watch the sun (rise) \_\_\_\_\_\_ above the mountains and then have breakfast.
- 3 One day last year I saw a plane (crash) \_\_\_\_\_\_ into the ground and even from a distance of ten kilometres I could hear the petrol (explode) \_\_\_\_\_\_.
- 4 Eye-witnesses felt the ground (shake) \_\_\_\_\_\_ beneath their feet and saw blocks of flats (collapse) \_\_\_\_\_\_ like packs of cards.
- 5 In the terrible famine in Africa you could see people (die) \_\_\_\_\_\_ in pain.

## A Read the story on PB page 37 as quickly as you can. Are the following sentences true or false? Write T or F.

1	The Mary Celeste was found on December 5th, 1872.	
2	Captain Morehouse was the captain of the Mary Celeste.	
3	The Mary Celeste was found in the Pacific Ocean.	
4	She did not answer the Dei Gratia's signals.	
5	Captain Morehouse could see some people on the deck.	
6	The Captain and two sailors rowed across to the other ship.	
7	There was nobody on the ship.	
8	All the cabins were untidy.	
9	They did not find anything unusual.	
10	After some enquiries, the mystery was solved.	

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#### **B** Answer these questions.

- 1 What were the sailing conditions like on the morning of December 5th, 1872?
- 2 How do you know that Morehouse still could not see the other ship clearly two hours after the sailor had seen her?
- 3 What was strange about the ship Morehouse saw?
- 4 What did Morehouse order a sailor to do?
- 5 How did Morehouse know that the *Mary Celeste* was steering herself?
- 6 Who went abroad the *Mary Celeste?*
- 7 a) What food did they find?

b) What did this tell Morehouse?

- 8 a) What valuable things were on the ship?
  - b) What did this tell Morehouse?
- 9 a) What made Morehouse think that the crew of the Mary Celeste may have killed the captain?
  - b) What made it unlikely that the crew had done this?
- 10 What other mysterious thing did they see?

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#### С Find words that mean the following:

- 1 journey at sea \_\_\_\_\_
- 2 something impossible to explain
- 3 how clearly things can be seen \_\_\_\_\_
- 4 away from each other \_\_\_\_\_
- 5 saw
- 6 see something
- 7 without people \_\_\_\_\_
- 8 he felt very frightened
- 9 sudden fear \_\_\_\_\_
- 10 coloured
- 11 sailors refused to obey their captain's orders
- 12 sailing uncontrolled \_\_\_\_\_

### 5.7

#### Link these suggestions and the reasons to make sentences. Α

#### Suggestions

The sailors must have mutinied ....

The sailors cannot have mutinied ...

#### Reasons

- ... because the Captain found a blood-stained sword.
- ... because there was no sign of trouble.
- ... because the boats were still hanging in their correct places.
- ... because all the gold and jewellery were still on the boat.
- ... because sailors often disobeyed their captain.

#### Look again at the explanations on PB page 38. Discuss your В reasons for delivering or not believing any of the explanations.

#### Here are some facts to help you.

- The captain wrote nothing in the ship's diary. Everything was tidy.
- There was a half-eaten meal on the table.
- Nobody had taken the gold.
- There was no damage.

#### Talk about them like this:

- The captain would have written something in the ship's diary.
- Everything would have been untidy.
- Nobody would have left a meal half-eaten.
- Somebody would have taken the gold.
- There would have been some damage.

## C Which explanation do you think is best? Write four sentences to explain why.

5.8 A	Listen to the story of the <i>Mary Celeste</i> as told by a man called 'Fosdyke', and tick the correct boxes.
1	He is speaking in the year 1872.
	He is speaking in the year 1912.
2	There were 12 people on the ship.
	There were 8 people on the ship.
3	Most of the sailors were washing the deck.
	All the sailors were washing the deck.
4	The Captain had his breakfast before the sailors.
	The Captain had his breakfast after the sailors.
5	The Captain's wife was at the sewing-machine.
	The Captain's daughter was at the sewing-machine.
6	The platform at the bow of the ship was for Fosdyke.
	The platform of the bow of the ship was for the Captain's daughter.
7	One of the sailors tried to swim around the ship.
	The Captain tried to swim around the ship.
8	Everybody climbed onto the platform to watch the sailor.
	Everybody climbed onto the platform to jump into the sea.
9	The man in the water screamed when another sailor jumped in.
	The man in the water screamed when sharks attacked and killed him.

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10	5 5	the sea when the platform broke.	e-lea
11		off the platform to help the men in the sea.	
11	2	ack on the <i>Mary Celeste</i> .	
12	-	ll island believe Fosdyke.	
12	Nobody in England		
		ot back to England, he was asked a lot of questions.	
1		of the answers he gave. Write the questions.	
1	Only myself. I was		
2	• •	the only passenger.	
-	He built it at the bo		
3			
-		m around the ship with my clothes on.'	
4		1 5	
		to the platform with his wife.	
5		-	
		d by sharks and others drowned.	
6			
	I held onto a piece	of wood and swam there.	
	Use a modal veri	b to complete these sentences.	
	It	rained last night. The roads are wet.	
1		passed the exam. I don't know yet.	
1 2	1		
		put enough salt in this soup. It's tasteless.	
2	Ι	put enough salt in this soup. It's tasteless. been eaten by a monster because there	

all the buildings collapsed.

5.9

6 Pirates \_\_\_\_\_\_ attacked the ship. It's difficult to say.

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## B Report what these people say using the verb in brackets. Look at the example.

#### Example:

'Left turn!' the officer said to his men. (order)

The officer ordered his men to turn left.

- 1 'Help me with the washing up,' my mother asked. (ask)
- 2 'Learn ten new words for a test,' said our teacher. (want)
- 3 'Row faster!' Captain Morehouse ordered his crew. (order)
- 4 'Please bring a glass of water,' I said to the waiter. (ask)

#### Write your own sentences.

What do you want your best friend to do for you?

What do you want your parents to do for you?

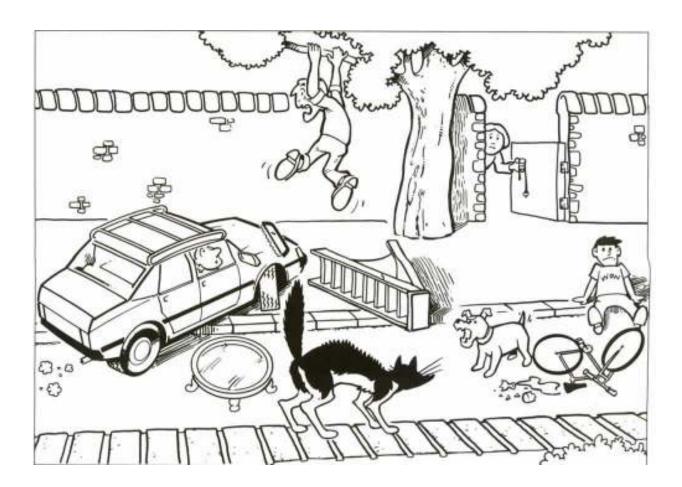
What do you want your teacher to do for you?

#### C Use the correct reflexive pronouns.

- 1 There's no need to help. We can take care of \_\_\_\_\_.
- Come in, please, and sit down. You are both most welcome. Make
   \_\_\_\_\_\_at home.
- 3 My sister hurt \_\_\_\_\_ playing volleyball yesterday.
- 4 You never listen to me. I may as well talk to \_\_\_\_\_
- 6 Ahmed! What have you been doing? Go and wash

66





5.10 A Identify everything in the picture and say what is unusual. Write notes, e.g. Car swerved onto pavement.

#### B Work out possible answers to the questions below.

- 1 Why did the cat jump onto the wall?
- 2 Why did the car drive onto the pavement?
- 3 Why is the man hanging from the tree?
- 4 Why did the ladder fall down?
- 5 What happened to the boy?

6 How did the bottle get broken?

- 7 Why is the table in the middle of the road?
- 8 Why is the saw lying on the bonnet of the car?
  - C Work out the order in which you think things happened.
  - D What conclusion do you come to? Discuss with your partner what must have happened.

### 5.11 A Here is the first part of the story. Look at the pictures and correct the sentences.

1 One afternoon, Tim and Hamad were flying to Rig 10 when Hamad saw something in the air.

- 2 'Look! Over there!' he whispered.
- 3 It was a red car with its doors closed.

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4 Tim landed the helicopter on the car.



- 5 Tim walked over to the car, got in and turned on the radio.
- 6 'They still had plenty of petrol,' Hamad said.
- 7 Hamad opened the bonnet and took out a bottle of water.
- 8 'Some problem with the water,' he said.
- 9 Hamad pointed at three sets of footprints leading to the car.
- 10 'The nearest town is 25 kilometres away,' he said. 'Come on.'
- 11 They climbed back into the helicopter and drove off.
- 12 They followed the tracks for several kilometres and then separated.
- B In the next lesson you are going to write the end of the story. The first step is to decide what information to include. Make up answers to the questions below to get started.

	First person	Second person
Name		
Age		
Occupation		
Description		

1 Who were the people in the car?

- 2 Where were the people going?
- 3 What happened to the car?
- 4 Why did they leave the car?

- 5 Why did they separate?
- 6 Did Hamad and Tim find one or both of them? How? Where?

#### C How are you going to tell the story? Choose one of the ways below.

- 1 Hamad and Tim find one of the people. He/she tells them what happened. They all go in the helicopter to find the other person.
- 2 The scene changes from Hamad to one of the people. The narrator explains what happened. Hamad and Tim arrive to rescue the person. They all go in the helicopter to find the other person.

#### 5.12

Α

## Look at the pictures on PB page 40 and re-tell the first part of the story in pairs.

- B Look back at your notes for the ending of the story. Tell your partner how the story ends. Ask and answer questions about any part you do not understand.
- C Write the ending of the story.

#### **Remember:**

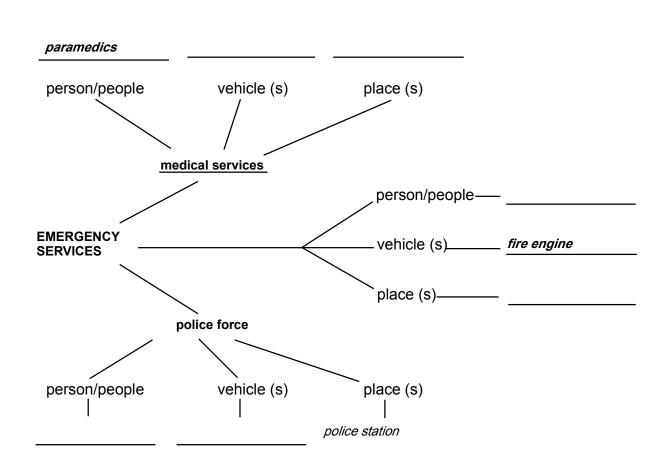
- Write your story in draft, check it, improve it, and then write it again.
- Use the correct punctuation when writing out speech.
- Vary the position of adverbs and adverbial phrases.
- Use as many adjectives as you can to make the story more interesting.

### Unit 6



### 6.1 Α Read the two newspaper stories on PB page 41 and write short answers to these questions. When did each incident happen? 1 Which emergency services came to each emergency? 2 What do you know about the people who were helped? 3 Which of them were injured and how badly? 4 What do you know about the people who helped them? 5 Networks can help you collect and learn vocabulary. Add words from В

the newspaper stories to this network. Add other words you know.



A	A reporter interviewed all the people in the accident shown on PB page 42. Read the conversation below and decide who he was interviewing.
	The conversation was between the officer and
	a) the truck driver
	b) the car driver
	c) the motorbike rider.
	Say how you know.
<b>Reporter:</b>	Well, I've heard the other people's stories. Now I'd really like to hear yours.
Man:	Well, I was coming to the end of the tunnel, out into the sun. It was so bright.
<b>Reporter:</b>	Go on
Man:	Well, then I saw the bend to the right, and the next thing, just on the bend, I saw rocks on the road - a rock-fall. I had to move out fast into the middle of the road.
<b>Reporter:</b>	Didn't you look in your mirror first?
Man:	No, there was no time. And next I saw the truck, coming round the bend.
<b>Reporter:</b>	And didn't you hear the car?
Man:	Yes, just then. It was trying to get past me. But there was no room. I heard his brakes scream, just as I pulled to the right, off the road, just after the rocks.
<b>Reporter:</b>	OK, so then
Man:	Well, the rest happened in a second. The two of them hit each other, and the fire started. That's all. That's what happened.

B When telling/listening to a story, people often do the things set out below. Listen and label the conversation above to show what the speaker is doing in each case.

> Ask a question Ask the speaker to continue Finish the story Set the scene Show interest Tell the story

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6.2

C Work with a partner and practise the conversation together.



- D Talk about another lucky escape something that happened to you or somebody you know. Take turns as speaker and listener. Use ideas from activities A and B. Use these questions to guide your story.
  - 1 Who did this happen to, and when?
  - 2 What was happening at the time?
  - 3 Then what happened?
  - 4 What was it like, and how did it feel?
  - 5 What happened after that?

#### 6.3 A Find words in the text that mean the following:

- 1 moving very quickly up and down, or from side to side \_\_\_\_\_
- 2 not thinking or moving, often after an injury \_\_\_\_\_
- 3 hurt by bees \_\_\_\_\_
- 4 part of the body just above the hand \_\_\_\_\_\_
- 5 beating of blood through the body \_\_\_\_\_
- 6 making a deep sound because of pain \_\_\_\_\_
- 7 drove very fast \_\_\_\_\_

#### B Write down who thought or said these things, and when.

#### Example:

I really enjoy helping Dad like this with his work. *Anwar thought this when they were checking the beehives.* 

1 He's a good worker. He'll look after the farm well one day.

2 Aah! Help! The pain!

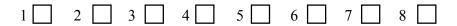
3 Faster! He looks terrible!

- 4 Now bring Fuad back to see me at the clinic next Monday.
- 5 I'm so glad there's not much wrong with him.

#### 7 I mustn't say it, but I think his son is dying.

6.4

### A Write the letters of each picture on PB page 44 in the order you hear them.



### B Listen and match these people with their jobs. Now find them in the pictures.

Salwa Mafouz	heart specialist and surgeon
Alia Shakri	ambulanceman
Amri Badri	nurse
Hassan Mustapha	doctor

#### C Listen again and complete the expressions with these verbs.

call	come	examine	give	need
operate	recover	r rush	show	take

- 1 \_\_\_\_\_ somebody to hospital as fast as possible
- 2 \_\_\_\_\_ somebody to see what is wrong
- 3 \_\_\_\_\_ somebody first aid
- 4 \_\_\_\_\_ to see a specialist
- 5 \_\_\_\_\_somebody somewhere by ambulance
- 6 \_\_\_\_\_ ahead to warn the hospital
- 7 \_\_\_\_\_ somebody round the hospital
- 8 \_\_\_\_\_ from an operation
- 9 \_\_\_\_\_ on somebody urgently
- 10 \_\_\_\_\_ to take somebody home

### D Say what each of these people did for Anwar. Use expressions from activity B above.

Salwa Mafouz: She gave Anwar first-aid and \_\_\_\_\_

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Amri Badri:	 - Ami
Hassan Mustapha:	 e-learning
Alia Shakri:	
His parents:	

6.5	Α	The medical system helped Anwar in several ways. Number the notes below, 1 to 7, using the pictures on PB page 44 to help you.
		(take) / Sana'a / ambulance
		(recover) / hospital / the next three weeks
		(examine) him and (decide) he (need) specialist treatment
		Anwar (give) first-aid / village clinic by /
		very good heart surgeon (operate) on Anwar and (save) / life
		parents (come) to take / home
		She (rush) Anwar / hospital / Hajjah /car
	в	Use the notes in A to write sentences about what happened. Add

the missing words and put the verbs in the right forms. Think about whether the verbs are regular or irregular, active or passive.

C Add the following time expressions. Then write the complete story as two paragraphs in your copybooks.

First, Then After that, Next, Finally,

6.6 A You are a medical student writing about the process of patient treatment in Casualty. Re-read the underlined parts on PB page 45. Then write a paragraph in your copybooks. Use time expressions from 6. 5C, and the Passive. Start like this:

People with really bad injuries are put in the fast track. People who ...

### A Match words from the two boxes to form names of public services jobs. You can use some words more than once.

2
4
6
8

### B There are many other pairs of words that often go together. Match these words from this Unit.

business car casualty city emergency examination fire health motorbike newspaper personal public	centre crash details education engine rider room services stories unit
1	2
3	4
5	6

5	6
7	8
9	10
11	12

#### C Read the definitions. Add words from activities A and B.

- 1 A person who makes sure that factories and other places of work are not dangerous.
- 2 Information about a person such as name, age and address.
- 3 A private place where a doctor can check a patient.
- 4 A person who helps other people learn to play games such as football.

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Read 'A long life in medicine' on PB page 47 again and answer these questions. Start each answer with <i>Because.</i>	e-learning
Why did Dr Badawi feel angry when his sister was ill?	-
Why did he have to go away for his medical training?	_
Why do you think he returned quickly in 1969?	-
Why is he happy about care in Libya today?	_
Why can't Sadiq 'be here?	-

#### В Match these phrases from the text (1 to 7) to their meanings (A to G).

- 1 Fareeda's *fever broke* the next day.
- 2 That was the day my future was decided.
- 3 I qualified as a doctor.
- 4 Exactly what I believed!
- As soon as I could, I came home. 5
- and that was the beginning of my life's work. 6
- 7 the terrible diseases of *yesterday*
- completed my training with success А
- В returned from Egypt to Libya
- С high temperature came down
- D the past
- This was just what I thought. E
- F it became clear to me that I would be a doctor
- G the job that was really important to me

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Α

1

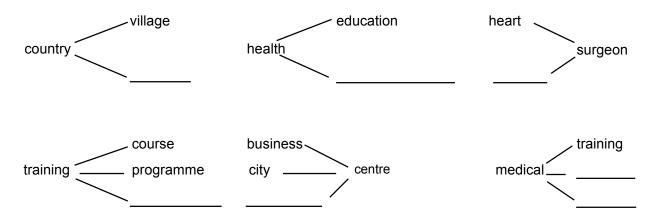
2

3

4

5

#### C Add words from the text to make more pairs of words.



D Think of somebody you know about who has had a long life in public service. Write a short paragraph about him/her in your copybooks. Use vocabulary you have collected in this Unit. These questions will guide your writing.

- 1 Why did this person choose his/her job?
- 2 When did he/she start?
- 3 How long has he/she been doing it?
- 4 What has changed during that time?
- 5 What does he/she like most about the job?

#### 6.10 A Write in your copybooks about the picture on PB page 48.

Paragraph 1: Write your description.

Paragraph 2: Write what you thought about the picture.

#### B Listen to the first part of the conversation and do these activities.

- 1 Find the speakers in the picture on PB page 48.
- 2 Listen to check what you wrote in paragraph 2. Note that it will not be exactly the same.

6.11

# A Read the article 'Discovering Yemen' and number the paragraph headings in the correct order.

- \_\_\_\_\_ Faysal's hopes for the future
- Tourism in the future Yemen
- Getting to know a young Yemeni
- Faysal's successful new business

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# B Tick the correct statements. Write ? after statements that may or may not be true.

- 1 The visitors drove north from the capital.
- 2 The photo-journalist sees the future of Yemen in Faysal.
- 3 Faysal started his business because he loves travelling.
- 4 He wants to get married before too long.
- 5 He wants enough money for his family to live in comfort.
- 6 He thinks it will be bad for Yemen if millions of tourists come.
- 7 He is worried that tourism will destroy the traditional way of life.

#### C Correct the statements that are wrong.

#### **D** Find antonyms and synonyms in the article for these words.

antonyms	synonyms
past	journey
rude	discovered
worse	caring
modern	stop

6.12

A Use the questions to help you write notes about yourself. Then write three paragraphs about your own plans and views of the future.

Paragraph 1: Thinking about the future

- 1 What are you good at in school?
- 2 What are you interested in out of school?
- 3 How could you continue with these skills and interest after you leave school-in your job, for example?
- 4 Will it be possible for you to do that? How? If not, what else are you likely to do? Why?

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#### Paragraph 2: My plans for the future

- 1 What are your ambitions for the next two or three years?
- 2 What do you hope will happen in the next five or ten years?

Paragraph 3: Future changes in Yemen that will affect my life

- 1 What sort of changes do you think will change life for you in the future?
- 2 Which do you think will improve your life?
- 3 Which do you think may not be so good?
- 4 On balance, do you feel happy or unhappy about the future?

#### ARTS 1 A DIFFICULT CHOICE? - PB51



### A Read the introduction on PB page 51. Are these statements true or false? Write T or F.

- 1 The taxi-driver had two daughters.
- 2 They were both 11 years old.
- 3 They were very ill with a kidney disease.
- 4 Olivia had kidney disease too.
- 5 Olivia had a sister.

#### **B** Number these events from the text in the correct order.

- Olivia advised the taxi-driver to give his daughter a kidney.
- Olivia decided to help Michael.
- Olivia had the operation.
- Michael got a kidney infection.
- Olivia met Michael after a long time.
- The doctor explained the risks of the operation.
- The operation was successful.

#### C Find words that mean the following:

- 1 fit and good at sport \_\_\_\_\_
- 2 changing one organ in the body for another \_\_\_\_\_
- 3 danger\_\_\_\_\_
- 4 mark on the body after a cut \_\_\_\_\_
- 5 however, despite this \_\_\_\_\_
- 6 stop doing something, resist
- D What did the doctors actually say to Michael and Olivia? Turn these sentences from the text into direct speech.
  - 1 He had a kidney infection that could kill him.

#### 'You have a kidney infection that could kill you'.

- 2 He had two choices.
- 3 He could wait for somebody with healthy kidneys to die.

- 4 His second choice was to spend the rest of his life connected to a machine ...
- 5 ... that would do the job of his kidneys for him.
- 6 The operation would be more serious for Olivia than for her brother.
- 7 He would have to cut deeply into Olivia's body.
- 8 The scar would be 30 centimetres long.
- 9 She would be in a hospital for a week to ten days...
- 10 ... and then have to rest for three to four weeks.
- E Have you ever had to make a difficult choice? Tell your partner.

#### ARTS 2 PROVERBS AND IDIOMS - PB52

- A Read the text straight through. Do not do the exercises. Are these statements true or false? Write T or F.
  - Proverbs are more common in English than idioms.
     Proverbs give information which is grouped by true in life.
  - 2 Proverbs give information which is generally true in life.
  - 3 'Half a loaf is better than no bread at all' is an idiom.
  - 4 Sometimes there are two proverbs with opposite 'truths'.
  - 5 Idioms are difficult to learn because they are common in English.
  - 6 Many idioms are very old.
- B Read the text again and do the exercises.

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# C Everybody uses the same words for proverbs, so you must learn them exactly. Complete these proverbs without looking at the text.

- 1 Half a loaf is better \_\_\_\_\_
- 2 One man's meat is \_\_\_\_\_
- 3 Actions speak louder \_\_\_\_\_
- 4 No man can serve
- 5 One good turn \_\_\_\_\_
- 6 Many hands make \_\_\_\_\_
- 7 Too many cooks \_\_\_\_\_

### D Choose one of the proverbs from activity C to reply to each of the statements. Write the correct number in each box.

- a But you've only given me a small piece!
- b First, John said we should do it this way. Then Bill suggested a difference idea. I don't know who to listen to.
- c I can't understand why he likes football.
- d I only carried your bags to your car. You don't have to give me a lift home.
- e I'll do it tomorrow, I promise.
- f It's good of you to offer to help me paint the room.
- g I've got to do my homework but I mustn't miss basketball practice.

### E Express the same idea in each case using an idiom with the word *nose.*

- 1 This cost me too much money.
- 2 He doesn't respect her.
- 3 She is always interfering in my life.
- 4 He can make people do exactly what he wants them to do.
- 5 They have no idea what is happening in the world outside.

#### ARTS 3 TELFORD HALL EPISODE 1 - PB53

# A The following words and phrases appear in the story on PB page 53. Read them and then discuss with your partner what you think the story is about.

Ahmed Hassan Al-Hadrami	Derek Barker
Norton College	welcome
three-year course	shook hands
room 123	unpacked
dining room	a long day

### B Read the story on PB page 53. Find the names of these places and people in the story.

1	the college where Ahmed is studying
2	the town which the college is in
3	the place where Ahmed is staying
4	the number of his room
5	the receptionist or housekeeper
6	some other students in Ahmed's accommodation
7	some old streets in the town
7	some old streets in the town

#### C Complete these sentences.

- 1 Ahmed would probably stay in England for three years because \_\_\_\_\_
- 2 Mrs Dale must be quite old because \_\_\_\_\_
- 3 Ahmed didn't unpack immediately he arrived because \_\_\_\_\_
- 4 Derek offered to show Ahmed and Bob the town because
- 5 Ahmed was tired at the end of his first day at Telford Hall because

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	6	Ahmed and Bob became friends because
	7	The water-powered factories in the hills closed because
	8	Ahmed bought a car because
D		Ahmed experienced many different feelings in his first week in England. Find a point in the story when he felt
	1	delighted when he bought the taxi.
	2	
	3	grateful
	4	nervous
	5	
	6	
E		Would you like to go and study in England? Why (not)? What things do you think you would enjoy/hate about the experience? Tell your partner.
		A FAMOUS PLAY BY SHAKESPEARE - PB54
A		What is the relationship between each pair of characters in <i>Hamlet?</i>
	1	Gertrude - Hamlet Gertrude is Hamlet's mother.
	2	Claudius - Hamlet
	3	Ophelia - Polonius
	4	Laertes - Polonius
	5	the ghost - the old king
в		Find words that mean the following:
_	1	
	1	killing another person for money or in anger

2 hurting someone because they have hurt you \_\_\_\_\_

**ARTS 4** 

- 3 dies from water \_\_\_\_\_
- 4 thinks/says that someone else did something wrong \_\_\_\_\_\_
- 5 something for people to see \_\_\_\_\_

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6	does	with	difficulty	
---	------	------	------------	--

- 7 takes the other person's and gives his own
- 8 pushes a knife or sword into someone

C A lot of people die in *Hamlet*. Who kills each person?

- 1 the old king <u>Claudius</u>
- 2 Polonius \_\_\_\_\_
- 3 Laertes \_\_\_\_\_
- 4 Gertrude \_\_\_\_\_
- 5 Claudius \_\_\_\_\_
- 6 Hamlet \_\_\_\_\_

D Match the beginnings and endings of these sentences. They tell the first part of the plot. Write the correct letter in each box.

- 1 Gertrude marries Claudius,
- 2 The ghost of the old king appears to Hamlet...
- 3 From that time on Hamlet can think of only one thing -
- 4 Ophelia loves Hamlet ...
- 5 She doesn't know why this has happened,
- 6 Then by accident, Hamlet kills Polonius,
- 7 She goes mad, falls into a river
- 8 Laertes blames Hamlet
- 9 He gets help to kill Hamlet from Claudius,
- 10 A sword fight is arranged

a and drowns.

b and tells him that Claudius killed him by poison.

- c between Hamlet and Laertes.
- d but she believes she has lost his love.
- e but she finds that he has changed.
- f for the death of his father and sister.
- g killing Claudius.
- h which is too much for Ophelia.
- i who also wants Hamlet dead.
- j who becomes the new king.

1 2	3	4	5	6	7	8	9	10
-----	---	---	---	---	---	---	---	----

#### E Complete these sentences. They tell the last part of the plot.

1 It is to be an exhibition sword only, with the points of the swords covered so that

2 However, Laertes leaves his sword uncovered and \_\_\_\_\_

3 Claudius has prepared a drink for Hamlet with poison in it in case

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4 When Laertes cuts Hamlet with his sword, \_\_\_\_\_



- 5 Hamlet manages to knock Laertes' sword from his hand and
- 6 Then he stabs Laertes, who
- 7 In the meantime, before Claudius can stop her, \_\_\_\_\_

8 The dying Laertes tells \_\_\_\_\_\_
9 Then Hamlet turns and \_\_\_\_\_\_

\_\_\_\_\_

- 10 Soon after, Hamlet \_\_\_\_\_
- F Have you ever seen a Shakespeare play? Which one? What was it about? Tell your partner.

#### ARTS 5 TELFORD HALL EPISODE 2 PB55 AND PB56

# A The following words and phrases appear in the first part of the story on PB page 55. Read them and then discuss with your partner what you think the story is about.

Christmas	Eid al-Fitr
home	Ahmed's room
Bob's parents	meat and rice
Ramadan	sweet pastry

### B Read the first part of the story (to ... *with his new friends*) and number the events in the correct order.

- Ahmed invited Bob to spend Eid with him.
- Ahmed invited Mick, Jerry and Derek to spend Eid with him.
- Ahmed made a space in his room for everybody to sit down.
- Ahmed met Bob's brother and his wife.
- Ahmed phoned his family to wish them a good Eid.
- Ahmed went to Liverpool with Bob.
- Bob spent Eid with Ahmed.
- Ahmed wrote to his brother.
- Bob invited Ahmed to his parents' house.
- The college closed for Christmas

C Guess the answers to these questions before you read the second part of the story. Discuss your ideas with your partner.

- 1 Why did Ahmed want to visit Stratford-upon-Avon?
- 2 When was William Shakespeare born?
- 3 Why is the town called Stratford-*upon-Avon?*
- 4 What is there to see, do and buy in Stratford-upon-Avon?
- D Read the second part of the story on PB pages 55 and 56 and check your ideas.
- E These statements are true. Explain how you know from the information in the story.
  - 1 Christmas is in winter in England.
  - 2 Norton College is closed for three weeks at Christmas.
  - 3 Mick and Jerry are friends of Ahmed.
  - 4 There wasn't a microwave oven in the kitchen of the house Ahmed visited
  - 5 Shakespeare never performed in the Royal Shakespeare Theatre.
  - 6 Khaled has a sense of humour.

#### F Can you remember? What did Ahmed...

- 1 miss at Christmas time?
- 2 think was strange?
- 3 look forward to?
- 4 push to one end of his room?
- 5 give to the cooks?

6 play at his party?



- 7 pass around at his party? \_\_\_\_\_
- 8 stay at in Stratford?

9 spend the next morning doing in Stratford?

- 10 buy in Stratford? \_\_\_\_\_
- G Scan the text again and check your answers.

#### ARTS 6 CRITICS AND CRITICISM - PB57

# A Read the paragraph 'Professional critics of the arts'. Are these statements true or false? Write T or F.

- 1 To criticize a piece of art means to say it is bad.
- 2 'The arts' means painting.

3	We buy	compact discs	which taste good.	
---	--------	---------------	-------------------	--

4 Critics sometimes write books called 'reviews'.

### B Read the paragraph 'Making judgements'. Complete the table with words from the text.

Poetry criticism is about	Art criticism is about	Film criticism is about

# C Read the paragraph 'The importance of critics'. Why are critics important to these people?

- 1 film-makers
- 2 new artists
- 3 the general public \_\_\_\_\_

#### D Complete these sentences with words from the text.

- 1 Some people choose a book only if a friend \_\_\_\_\_\_ it.
- 2 Some poetry critics look at the ideas in a \_\_\_\_\_; others concentrate on how the poet those ideas.
- 3 A critic \_\_\_\_\_\_ the public's attention to new works and helps us \_\_\_\_\_\_ art better.
- 4 We each have our own \_\_\_\_\_\_ in music, films and so on.
- 5 The most important point for some art critics is the \_\_\_\_\_\_ of the artist - how well he/she paints.

E Write a short review of a book you have just read, or a film you have just see. Say whether you liked it or not, and why.

#### ARTS 7 TELFORD HALL EPISODE 3 - PB58 AND PB59

- A The final episode of the story is about the end of term at Norton College. Before you read the story, guess the answer to each question.
  - 1 What was the weather like on the day of the final examination?

2 How long did Ahmed have to wait for his results?

- 3 What did he do while he was waiting?
- 4 How did Ahmed get on in the examination?
- 5 What did Ahmed do after the results were announced?

B Read the story on PB pages 58 and 59 and check your ideas.

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#### C Answer the questions.



- Who was supervising the examination? \_\_\_\_\_\_
   Who always cooks Sunday lunch at Bob's house? \_\_\_\_\_\_
   Who helped with the washing up? \_\_\_\_\_\_
   Who called in to say 'hello'? \_\_\_\_\_\_
  - 5 Who got A grades in the examination?

#### D Read PB page 58 again. What do these words refer to?

- 1
   It (col. 1 line 4 )

   2
   then (col.2 line 1 )

   3
   They (col.2 line 5 )

   4
   They (col. 2 line 18 )
- 5 It (col.2 line 23) \_\_\_\_\_\_
  6 they (col.2 line 33) \_\_\_\_\_\_
  7 It (col.2 line 39)

#### E Read PB page 59 again. Answer the questions.

- 1 Why was Bob worried?
- 2 Why couldn't Bob find their names on the list?
- 3 Why did Bob tell Ahmed not to worry?
- 4 Why did Ahmed open the window of the train?
- 5 Why would Ahmed see Bob in October?
- 6 Why had the countryside seemed strange to Ahmed nine months ago?

		F	'Many ha	nds make light work' is	an Englis	sh proverb.	
		1	Explain v	vhat it means.			
		2	Translate	three Arabic proverbs into	English.		
A	RTS 8		CALLI	GRAPHY - PB60			
		Α		e six paragraphs in the ading for each paragra		n the text and thi	nk of a
			Para 1	<b>Introduction</b>			
			Para 2				
			Para 3				
			Para 4				
			Para 5				
			Para 6				
		В		ften have two or more r of these words in their			eaning
1	fine (col.	1 line 2	2)	a) sunny		b) beautiful	
2	practised	(col. 1	line 3)	a) done again and agai to get better	n	b) done	
3	tool (col.	1 line	6)	a) hammer, saw, screwdriver, etc.		b) instrument	
4	seen (col.	. 1 line	15)	a) considered		b) used eyes	

5 equals (col. 1 line 20)

6 letters (col.1 line 24)

7 concentrated (col.2 line 5)

a) =

a) alphabet

a) therefore

a) some

a) thought hard

a) became more important

8 so ( col. 1 line 7)

9 grew (col.1 line 8)

10 number (col.1 line 21)

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b) the same level as

b) did most work

b) became older

b) one, two, etc.

b) at the same time

b) post, mail



# C These statements are true. How do you know from the text? Write reasons in your copybook.

- 1 Calligraphy can be produced in different ways.
- 2 Painters in ancient China used a pointed brush, like calligraphers in that country.
- 3 Painters and calligraphers are treated the same in modern China.
- 4 The Nashki style replaced the Kufic style.
- 5 Early Islamic calligraphy did not include pictures of birds, etc.
- 6 The art of traditional calligraphy has not died out.

#### C Complete the table with words from the text.

Noun	Adjective	Noun	Adjective
Greece		angle	
Rome		point	
Islam		religion	
Lebanon		tradition	
West		flow	

E Do you like calligraphy? Where can you see beautiful calligraphy in your country? Tell your partner.

#### ARTS 9 A POEM - PB61

#### A Discuss these questions about the poem.

- 1 Why do sheep and cows have time to stare?
- 2 Why do squirrels hide their nuts?
- 3 How can streams be *full of stars?*
- 4 Who or what is Beauty?
- 5 Who or what is smiling in the phrase *that smile?*

#### B Discuss which sentence best summarizes the meaning of the poem.

- 1 Life does not have any meaning unless we have time to relax.
- 2 Nature is beautiful but we must take time to look at it.
- 3 We must forget our worries at times and see the beauty of nature.
- C Listen to the poem again. Then try to say it with the reader.

# D Do you agree with the main idea of the poem? Write one sentence to give your opinion.

#### ARTS 10 STRANGE HAPPENINGS - PB62

Α	Look quickly through the three texts. Find the following:					
1	Four countries					
2	Four towns or cities					
3	Three people					
4	Three dates					
В	Read 'The Bermuda Triangle'. Answer the questions. Write short answers.					
1	What is the Bermuda Triangle?					
2	Why is it famous?					
3	What is the biggest mystery?					
4	When did it happen?					
5	Why is it a mystery?					
6	What else has happened in the area?					

C Write a summary of this text from your answers to activity B.

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D	Read 'The curse of Tutankhamun'. Answer each of these questions
	with a number.

1	When was Tutankhamun king of Egypt?	<u>3,500 years ago.</u>
2	How old was he when he died?	
3	When did Carnarvon break into his tomb?	
4	How many months later did Carnarvon die?	
5	How many members of Carnarvon's team died	
	in the next six years?	
6	When was the treasure flown to London?	
7	In which year did the pilot of the plane die?	

#### E Cover the questions. Can you remember them from the numbers?

#### F Read 'Eryl's dream'. Find words that mean the following:

- 1 small pieces of coal and coal dust \_\_\_\_\_
- 2 a pile \_\_\_\_\_
- 3 first \_\_\_\_\_
- 4 moved across the top of \_\_\_\_\_
- G In your copybook, draw and label a diagram of what happened at Aberfan. Show the situation before and after the disaster.

#### SCIENCE1 ACIDS AND ALKALIS - PB65

### A Before you read the texts, do you know the meanings of these words?

- 1 Discuss the meanings in pairs, but do not look at them up in a dictionary.
- 2 Guess the meanings of the ones you do not know as you read the texts.
- acid
- alkali
- corrode
- react with

dissolve

- neutralize
- indicator
- pollute

formula

- soil

#### **B** Read 'Definitions'. Complete these statements.

- 1 Acids taste \_\_\_\_\_.
- 2 Acids corrode \_\_\_\_\_.
- 3 Acid + base = \_\_\_\_\_.
- 4 Alkalis are bases that \_\_\_\_\_\_.
- 5 Alkali means \_\_\_\_\_.
- 6 Acids neutralize \_\_\_\_\_.
- 7 Alkalis neutralize \_\_\_\_\_.

# C Read 'Detecting and measuring...'. Are these statements true or false? Write T or F.

- 1 Litmus is a dead vegetable.
- 2 Acid turns green litmus paper red.
- 3 Alkalis turn green litmus paper blue.
- 4 The pH scale measures the concentration of iron in the substance.
- 5 Soap is very alkaline because it measure 9.5 on the pH scale.
- 6 Acids have a pH value below 7.
- 7 We can measure activity with a thermometer.
- D Read 'Acids and alkalis...'. In your copybooks, draw and label a diagram to show the effects of burning oil and coal.



#### E Complete this table with information from the text.

Common acids	Common alkalis

#### F What household chemical could you put on the following? Why?

- 1 a wasp sting \_\_\_\_\_
- 2 a bee sting

#### SCIENCE 2 STATES OF MATTER - PB66

### A Before you read the text, look at these words. How many meanings do you know for each word?

- 1 Discuss the meanings in pairs.
- 2 Think about the meanings in this context as you read the text.
- state
- form
- matter
- gas
- property
- room

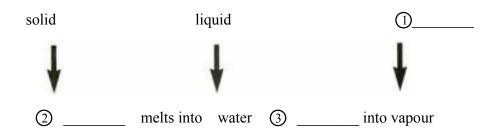
#### **B** Read the introduction. Answer the questions.

- 1 Why can't the shape of a solid be changed easily?
- 2 Why can't you pick up a liquid without a container?
- 3 Why can you smell gas all over the house from even a small leak?

# C Read the information in the box. Name each state of matter from the definition.

- 1 The particles are moving about quickly.
- 2 The particles are hardly moving.
- 3 The particles have room to change places.
- 4 The particles are close together.
- 5 The particles can fill any space.

#### D Read 'The three states of water'. Complete the diagram.



#### E Answer these questions in terms of the kinetic theory.

What happens when...

- you put fresh food into the freezer.
   <u>The particles in the food move more slowly and get closer together.</u>
- 2 you put an ice-cube into a glass of orange juice.
- 3 a kettle boils.
- 4 gas leaks from a gas bottle.

#### SCIENCE 3 LIGHT - PB67

- A Before you read 'Definition', look at these words. What is the common meaning of each word.
  - 1 Discuss in pairs.
  - 2 Guess the meaning of each word in context as you read 'Definition'.
  - behave
     • act
     • stream
     • wave
     • wave

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#### B Read 'Definition' again. Number these definitions of light in historical order.

Light is a combination of particles and waves.

Light is a series of waves.

Light is a stream of particles.

#### C Read 'Reflection'. Are these statements true or false? Write T or F.

- 1 We see things in three different ways.
- 2 The most common way is by reflection.
- 3 Your desk is not really there, only the reflection.
- 4 The surface of a sheet of glass reflects more light than the surface of your desk.
- 5 Rough surfaces scatter light.

#### D Read 'Refraction'.

- 1 In your copybook, draw the experiment with the spoon which is describe in the first paragraph.
- 2 Which sort of lens would be most useful for reading glasses? Why?

# E From the information in the texts, write an explanation for each of these statements.

- 1 You must stand in front of a mirror to see your reflection.
- 2 When you look at yourself in the bowl of a spoon, you look smaller; when you look at yourself in the back of a spoon, you look bigger.
- 3 Leaves are sometimes burnt by sunlight passing through raindrops on the leaves.



#### SCIENCE 4 SOUND - PB68

#### A Before you read the texts, discuss these questions.

- 1 What is sound?
- 2 How does it travel?
- 3 Is there sound in outer space?
- 4 How can sounds vary?
- 5 How can you measure sound?
- 6 What is 'ultrasound'?

#### B Scan the texts quickly and check your answers to activity A.

### C Read the texts more carefully and complete this table about measuring sound.

item	unit of measurement	abbreviation	examples
frequency			human range:
			bat and dolphin range:
	decibels		talking:
			jet plane:

### D What is the significance of these words in the text? Discuss in pairs, then check by searching for the words again.

- 1 vacuum Sound waves cannot travel through a vacuum.
- 2 vibration \_\_\_\_\_
- 3 molecules \_\_\_\_\_\_

# E From the information in the texts, write answers to these questions.

- 1 How can sound be useful in factories?
  - 2 How can headphones be dangerous?
  - 3 How do bats 'see'?

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#### SCIENCE 5 ARAB SCIENTISTS - PB69



#### A Read the introduction on PB page 69. Discuss Newton's words.

- 1 Who were the 'giants'?
- 2 In what way did he 'stand on their shoulders'?
- 3 In what way did he 'see further'?

#### **B** Complete the table with information from the texts.

Name	Dates birth/death		Area of study	Discovers, inventions, achievements

#### C Complete the table of subjects and professions.

subject	profession	
mathematics		
	geographer	
astronomy		
chemistry		
science		
	philosopher	
	physician*	_

\*Be careful with this one!

#### D Organize a class quiz. Ask questions about the scientists like this:

Where/when was born?
When did he die?
What did he write?
What did he discover/invent?

Who was born in ...? Who wrote/taught himself/realized ...? Who discovered/invented ...?

#### SCIENCE 6 VACCINATIONS - PB70

#### A Read the texts and choose the best heading for each.

A	Read the texts and ci	loose the best	neading for each.	
	Introduction a Vaccination in history b The need for vaccines c Diseases that kill		Box 1 (right) a The cause of disease b Giving disease to prevent disease c The life of Pasteur	
	Box 1 (left)		Box 2	
	a A vaccine for smallpox b The life of Jenner c Smallpox and cowpox		a The rise of AIDS b Modern drugs and AIDS c The search for an AIDS vaccine	
В	Number these stages	in the history	of vaccination in order.	
	AIDS was diagnosed in h Jenner noticed that people not suffer from smallpox. Jenner successfully vacci AIDS developed from the Modern drugs help to cor Pasteur showed that disea AIDS spread around the Pasteur successfully treat bitten by a rabid dog. Thousands of people died	e working with co nated a patient. e blood of Central ntrol AIDS. ases were spread b world. ed a boy who had l every year from	African monkeys. by germs. been smallpox.	
С	These words from the the differences.	e texts are relat	ed in meaning. Explain	
scientists cure	<u>Scientists fin</u>	<u>d the causes of dis</u>	seases; doctors treat them.	
amallnov				

3 cowpox smallpox

doctors

treat

1

2

4 disease germ

5 infection transmission

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	vaccine diagnose	disease treat	 e-learning
8	breakthrough	development	

D Complete the table with words from the texts.

noun 1	noun 2	verb
		immunize
		vaccinate
		experiment
development		
		transmit
treatment		
diagnosis		
infection		

#### SCIENCE 7 EXPERIMENTAL PROCEDURES - PB71

A Read the introduction on PB page 71, then match the beginnings and endings of the sentences without looking at the text.

1	Every stage of a scientific	a)	answer a question.
	experiment should		
2	This report will	b)	be measurable and show cause and effect.
3	If the procedure isn't written up,	c)	be recorded and written up.
	it is impossible to		
4	Scientific experiments set out to	d)	monitor progress and exchange
			information.
5	Experiments should always	e)	show your results and conclusions.

# B Read the information about writing up experiments. Then discuss this report. What is wrong with it?

QUESTION	Why do some heavy things float? Some things float on water.	This is not detailed enough. Youshould say, for example. Why do metalships float on water?
HYPOTHESIS	Perhaps water is solid.	
MATERIALS	water, things	
PROCEDURE	Put some things in water. See what happens.	
DATA	I put some things in water. The small heavy things sank but some of the flat heavy things floated.	
SUMMARY	Flat things usually float.	
CONCLUSION	My idea was wrong.	

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# C Do heavy things fall faster than light things? Devise an experiment to find out. Write it up on the form below.

QUESTION	Is the speed of falling directly related to the weight of an object?
RESEARCH	
HYPOTHESIS	
MATERIALS	
PROCEDURE	
DATA	
SUMMARY	
CONCLUSION	

#### SCIENCE 8 INTERNAL COMBUSTION ENGINE - PB72

#### A Read the text and answer the questions.

- 1 How many times does the piston go up and down in one cycle?
- 2 The cycle shown in the table is for a four-stroke engine. What are the names of the four strokes?

- 3 One of these strokes is also called the power stroke. Can you work out which one? Explain your answer.
- 4 Where do these elements of the engine come from?a) the spark \_\_\_\_\_\_b) the petrol and air mixture \_\_\_\_\_\_
- 5 Where do these elements go to?a) the burnt mixture \_\_\_\_\_\_b) the power \_\_\_\_\_\_
- 6 Why is petrol and air sucked into the cylinder when the piston moves down?
- 7 Why is the burnt mixture pushed out of the exhaust valve when the piston moves up?

	в	Find a word to go with ea	ich	noun and explain the connection.
	1	turn	а	circuit
	2	start	b	engine
	3	switch on	c	in
	4	suck	d	key
	5	push	e	mixture
	6	compress	f	out
	7	open	g	valve
1       turn / key         2		you turn the key in the sey in th	he i <u>j</u>	<u>gnition.</u>

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#### C Complete the table with words from the text.

noun	verb
ignition	
	mix
	compress
explosion	

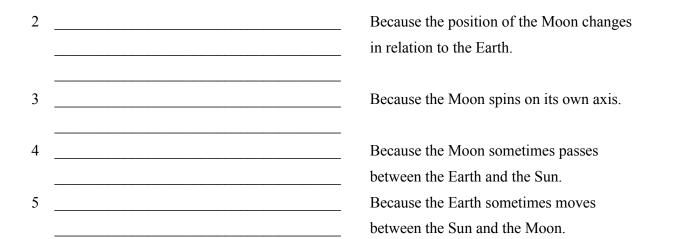
D Cover the text and describe to your partner the four-stroke cycle, using the diagrams.

#### SCIENCE 9 THE MOON - PB73

#### A Before you read the texts, do this quiz about space.

- 1 What is the radius of the Moon?
- 2 How far is the Moon from the Earth?
- 3 What is the radius of the Sun?
- 4 How far is the Sun from the Earth?
- 5 How long does it take for the Moon to go round the Earth?
- 6 What is a 'Gibbous Moon?
- 7 What happens in an eclipse of the Moon?
- 8 What happens in an eclipse of the Sun?
- **B** Read the text and check your answers.
- C Write questions for each of these answers.
- 1 <u>How can we see the Moon?</u>

Because of light from the Sun.



#### D Which adjectives in the texts have the following meanings:

- 1 of the Moon \_\_\_\_\_
- 2 of the Sun
- 3 can be seen \_\_\_\_\_
- 4 first, at the beginning \_\_\_\_\_
- 5 not complete \_\_\_\_\_
- 6 complete \_\_\_\_\_
- 7 cannot be seen \_\_\_\_\_

#### E There are ten words connected with this lesson in the wordsearch. Find the words and explain what they mean.

S	b	r	0	t	e	1	u	e	1 space - <i>the area where the planets and stars are</i>
p	a	0	m	1	S	a	S	d	2
a	h	t	q	a	u	р	e	i	3
c	i	a	e	e	i	n	i	0	4
e	j	t	S	1	i	0	a	n	5
a	h	e	c	e	1	u	u	r	6
g	z	e	1	a	X	i	S	a	7
a	x	v	0	r	b	i	t	S	8
S	0	1	a	u	u	W	g	e	9
									10

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#### SCIENCE 10 RADIOACTIVITY - PB74

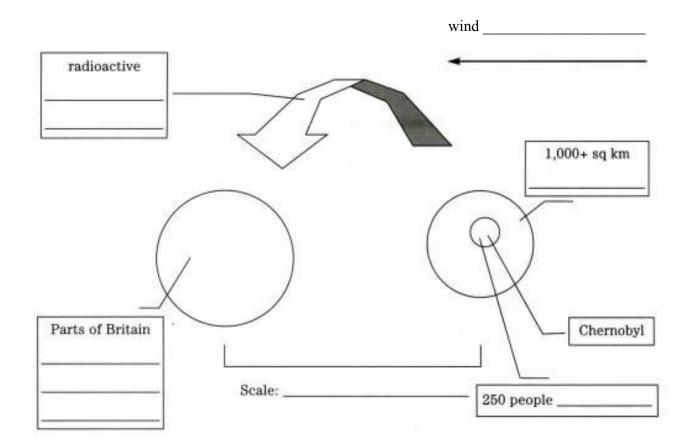


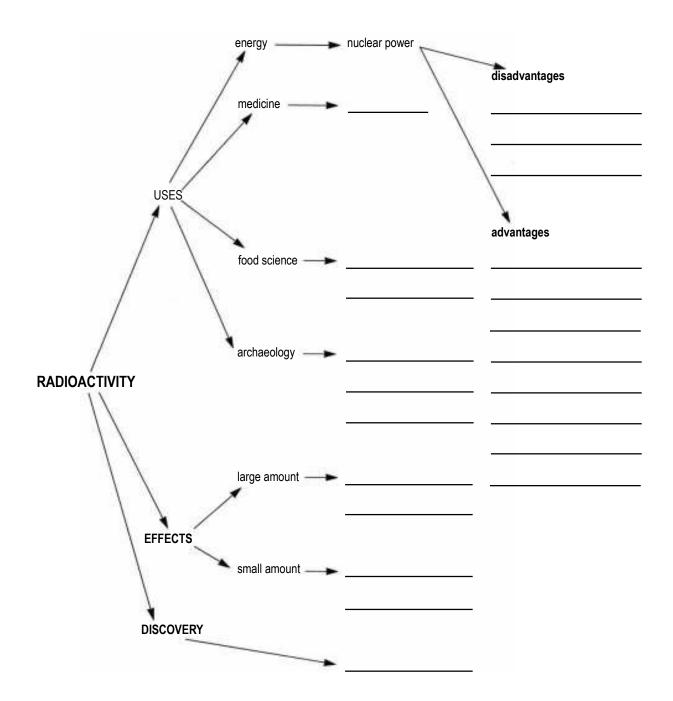
#### A Before you read the text, discuss these questions in pairs.

- 1 What is radioactivity?
- 2 What are its dangerous effects?
- 3 What can it be used for?

#### **B** Skim the whole text and check you ideas.

C Label this diagram of the effects of the explosion at Chernobyl.





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#### Unit 1

activity adjective adverb awake back (n) beak Calm down! claw close/closer cloud coast coat (of an animal) Come along. comma contrast (n) countryside coverings curved divided drive (*n*) dust end (v)equal farmland female foal focus fur further

### Unit 2

actually army artefact awful badly-built boxer bridge brilliant castle champion cheap control (v) crowd direct speech disaster dreamer drought during epidemic expect eye-witness

graze half-eaten horizon intense last (  $\sim$  saw her ) make out (= see)male mare materials meaning mind (n)miss (= form of address) mist mistv narrow/narrower newly noisilv not really noun officer organize peak phrase plough (*n*, *v*) positive rainy repeat (v) rich (~milk) rocky

round scales scratch side similar sir skin song spend (~a holiday) square-looking steep/steeper style subject tags take turns There's no point. title triangular turn off (= leave a road)twin underlined unlike upset valley verb warm (v) whereas wood wool

famine fog future generally group heat wave homeless hopeless hundreds of thousands hunger hurricane in living memory infinitive Just a minute. landslide layer leave out life lorry marry measure

medical supplies miracle newsflash normally North Pole over (= *finished*) Passive Past continuous Past simple powerful preposition Present perfect recklesslv recover (= get better) relative report (n) reported speech scary scientist scruffy set the scene



shortage shortened silently simplified slight Slow down spaceship spokesman

#### Unit 3

ability able applicant apply for as a result at the moment bank manager bookseller business CD club college communication skills computer literacy computer literate computer programmer confidence conscientious driving licence duties efficient emphasize employer essential excellent experience

start operation (= *start working*) starve structure (= *grammar point*) survivor tear off telescope tense (of a verb) trip unwell used to variety victim volcanic eruption volcano weak/weaker well dressed

fantastic fill in (~ a form) film director final examination fire-fighter form friendliness furthermore get on with grateful group (drama  $\sim$ ) hobby I've no idea. ice-cream idea in addition interview knowledge look forward to Ministry of Education Ministry of the Environment miss out ( = *miss an opportunity*) pass patience perhaps play (~ music)

politeness post (= job)Present perfect continuous Present perfect simple probably put on (clothes) qualifications qualified recently regularly run (~ a business) salary sales person school-leaver sport successful theatre therefore tourist guide training TV station vacancy well-educated worker Yours faithfully Yours sincerely

### Unit 4

algebra all kinds of bed (river ~ ) berry borrow carry out (= *do*) chopped climate combine conclusion confirm cool (*v*) crush crushed curry data dried experiment extract fan farmhouse fig form (n) forming frozen further (~ two minutes ) ginger grape grate (v) grill (v) grind ground (adj) guess handbag harvest highlands humid hypothesis icy

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in-between jet (  $\sim$  of water ) length level liquid mango mathematician meeting moderate Northern palm tree papaya peaches pear peas peel peeled

### Unit 5

abroad allow attack cabin chat deck drag drown fishing boat hang over I haven't a clue.

### Unit 6

anywhere burning care (medical  $\sim$ ) centre (health  $\sim$ ) deal with even (  $\sim$  when ) examination room face of the future facilities fast-track groan ground (*n*) heart surgeon highway patrol hit-and-run

pressure procedure processed prove quality rainfall raise reference book refrigerated related to remove re-pack seedless simmer soft/softer sorghum spare (= *spare wheel*)

spare wheel spice squeeze steam (n) subtropical succeed thoroughly trade tropical truck turn into typical upwards vegetation while zone



instead of kick modal verb monster mysterious mystery order panic past participle possibility

net

horrific husband keep (  $\sim$  looking ) malaria minor mobile ( = *mobile phone*) moment ( a great  $\sim$  ) Moslem old days paramedic patient (*n*) pick up ( = open-back van) planning officer priority pulse

puzzle sailor sand stained sword tanker voice waiting room wish word set

qualify receptionist reduce register (v) registration form seem shaking (adj) slow-track society system turn (n) two-track unconscious unit (X-ray  $\sim$ ) vehicle

### ARTS

Arts 1 along time athletic body centimetres close to somebody deeply do the job donor good fun hold back kidney lively nevertheless normally operation (medical  $\sim$ ) remove risk (*n*) scar shocked thin transplant worth the pain

#### Arts 2

anyone else cook (n) deserve good turn loaf look down your nose master moral lesson opposing pay through the nose poison poke your nose into something progress see beyond the end of your nose serve widely used

#### Arts 3

agricultural assignment beef by the way coal dining room Don't mention it drag episode fair (~ hair) feel at home final offer glance good condition industrial market town mashed potatoes pavement present (= *gift*) questionnaire reception desk run down Shepherd's pie silver streams of rain stroll student town planning unpack water-powered Arts 4 by accident character comedy ghost in the meantime knock from (his hand) manage to murder plot poison revenge stab tragedy Arts 5 a couple of actual around (sit  $\sim$ ) brass brick by himself ceiling celebrate dawn dusk duty fast honey knock (*n*) on the phone pass (time passing) pastry perform piled high realize recipe souvenir surrounding (~ countryside ) sweet (adj)

teapot tonight wonder Youth Hostel Arts 6 acting arts comment compact disc concentrate critic critical criticism criticize decide draw attention to express (v) immediate importance influence judgement make up one's mind poetry reviews sculpture technique Arts 7 call in (= visit)come out (exam results  $\sim$ ) delicious disappear disturb fall asleep hold (~ an exam) hospitality kindness Many hands make light work. name card one of the family perfectly pour into (~ a room) roast meat sand dunes Thank you for having me. Arts 8 angular calligrapher calligraphy carving concentrate connection

culture

equal

decoration

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expression Far East fine (*adj*) follower God Islam Islamic pointed religious rounded scholar tool twisted Western

Arts 9 beneath bough

### SCIENCE

Science 1 acetic acid acid rain acidity alkali alkaline alkalinity ash baking powder base (as in chemistry) battery (car ~) bicarbonate of soda building material calcium hydroxide chemical formula citric acid concentration corrode detect dissolve dye engine everyday (~ life) hydrogen ions Latin lime litmus measure neutralize pH scale pollute react with release salts sharp (~ taste)

broad daylight care dance enrich glance leisure poor squirrel stare Arts 10

archaeologist Bermuda Bermuda Triangle body break in coal coffin

curse disappearance disturb Florida happening heap (n)leader navy off course Pharaoh Puerto Rico robber silence slag heap tomb translate treasure Tutankhamun



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solution (~ *liquid*) sour sting strength sulphuric acid vinegar wasp Science 2 apart container cycle easily evaporate

fixed hardly kinetic theory leak (v) liquid matter melt motion pack together particle property smell (v)solid space state (~*condition*) state (= say)substance theory vapour Science 3

act like

angle of incidence angle of reflection behave combination concave converge convex diverge edge effect emit focus lens light (~ beam) medium observe outer space physicist prism quantum theory recently reflect reflection refract refraction scatter shaped source split stand back transparent vacuum

Science 4

decibel

bat

dolphin flaw frequency graph hertz Hz) intensity invisible loudness oud pitch range from represent by squeeze underwater vary vibrate volume

Science 5 algebra anti-rust coating astronomer brain capable chemist contribution debt decimal educate fluorescent ink geographer giant gram healing image influence knowledge logic lungs medical medicine molecular chemistry negative occur pharmacist philosophy predecessor program prove realize recognize research scale shoulder software standard system variation vision

Science 6 against AIDS aspect attempt breakthrough case (of a disease) cholera commonplace control development diagnose dollar drug equivalent experiment feared germ immunity immunization immunize infect long-term patient provide rabid rapid research significant similar smallpox spread struggle suffer (~ a disease) transmission treat typhoid unexpected unsuccessfully vaccination vaccine Science 7 analyse base (v) error

error evidence experimental guideline monitor (v) numerical observation progress record (= write down) report (n) solution stage (= step) step -by-step write up Science 8 burnt carburettor circuit combustion compress compression exhaust explode force down ignite ignition induction inlet internal piston sequence spark spark plug starter motor stroke suck in Science 9 axis cast (~ a shadow) daylight direction eclipse fraction Full Moon Gibbous hemisphere hidden in line with in relation to lunar eclipse New Moon orbit (v) original partial eclipse phase position radius relatively rotate shadow solar eclipse spin sunlit total eclipse visible

#### Science 10

advantage atom bacteria cancer chain reaction Eastern Europe generate

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give out (~ *emit*) nuclear nuclear fission nucleus photographic plate

power station radiation radioactive ray release split Ukraine uranium Uranium -235



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