

Reading Test 5 - The Dull Evening

The screen flashed before him, offering him the usual two choices. "You must choose to fight either the forces of good - the First Empire - or the forces of evil - the Second Empire."

I will always fight the forces of evil, thought Connor, making his usual choice.

Connor sat at his computer, hammering on the keys. 'Zap', 'pow', 'crunch', 'zowie', 'ping'. The sounds bouncing out of his speakers were varied but monotonous. He had just wiped out the entire battle fleet of the Second Empire yet again. He had wiped it out yesterday and the day before and the day before that.

'I need a console,' he thought, 'so I can play some decent games.'

The face of Cawdor, the warlord, appeared before him. "Will you accept the surrender of the Second Empire?" asked the face in a cold, metallic and slightly rasping voice.



"I've already done that, bean brain!" he told the face.

Mum's voice echoed up the stairs, "Connor... Connor... CONNOR!" "I bet he's playing that silly game again," she said to Dad.

"Yes Mum?"

"We're off now," she said, "but we won't be long - an hour at the most. We're just popping to Aunt Bella's."

"OK," he replied, "see you later."

The good thing about Mum and Dad going out was that he could turn the volume of his computer up.

"That's better," he said to himself, as he set the volume switch to maximum.

He glanced through his computer games collection, decided that most of them were absolute rubbish and, with a sigh, set about doing battle once more with the Second Empire.

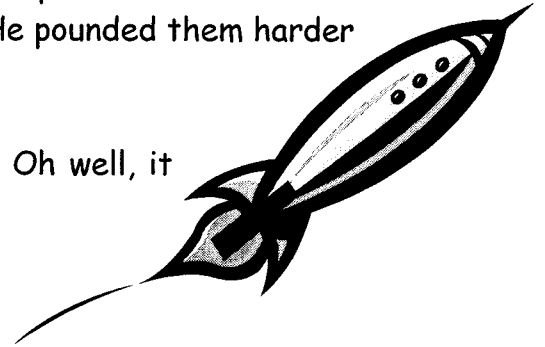
"Stand by to be obliterated!" he said.

Within seconds, the usual cacophony of 'zap', 'pow', 'crunch', 'zowie' and 'ping' reverberated throughout the house.

"Take that," he said, "and that and that..." as the space fighters of the battle fleet of the Second Empire fled before the onslaught of his weapons. He hit the buttons on his keyboard furiously, but they no longer responded. He pounded them harder than ever, but still nothing happened.

"S'funny," he thought, "must be a bug in the program. Oh well, it doesn't matter. I was getting bored anyway."

The face of Cawdor appeared before him again.



"You are wrong, Connor," he rasped, "it does matter. You have chosen to do battle against the Second Empire. You have been so successful that we are now short of space fighters. You will have to join us."

"But, but..." stammered Connor, "...you are the forces of evil. It says so on the box. It says, '*Join in the battle for mastery of the Universe, the final battle between the forces of good - the First Empire - and evil - the Second Empire*'. It also says it on the screen when you load the game."

"Yes, well," said Cawdor, "both empires were running short of space fighters and the battle was far from over. So, we distributed copies of the game you are now playing all over Earth, and the results of everybody's games are collected together at the end of each time unit. However many space fighters have been destroyed, we take that number out of the war. Both sides have to do the same. It saves the lives of the pilots, and so it is quite efficient.

However, we made a mistake choosing Earth on which to run the program because, unlike all the other planets in the Universe, its inhabitants insist on fighting against evil. Most strange! All other planets want to knock good on the head once and for all. Anyway, not only have you been choosing to fight against evil every time, but you have also been spectacularly successful. Therefore, I need you to fight against good from now on."

"What if I refuse?" asked Connor.

"Imbecile," rasped Cawdor, "we will crush you and your parents."

"My parents?" asked Connor.

"Yes, we know where they are and can reach out and crush them like insects. And we will, have no doubt about that, unless you join us."

Reluctantly, Connor reloaded the game and selected to fight the forces of good - the First Empire.

"Stop," cried another face on the screen, "I am Thane, the Knight of All Good. You are our best space fighter pilot. We cannot afford to lose you. We were losing our war until you joined in."

"But my parents ..." Connor said, "Cawdor said that he would hurt them."

"Okay, Control, throw a protective screen around Mr and Mrs Higgins," said Thane into his headset.

"Are you sure it'll work?" asked Connor in a worried voice.

"It's our most powerful protective screen - A1 grade," replied Thane, reassuringly.

"Okay," shouted Connor, "let's go!"

Once again, he reloaded the computer game, choosing once more to fight against the Second Empire.

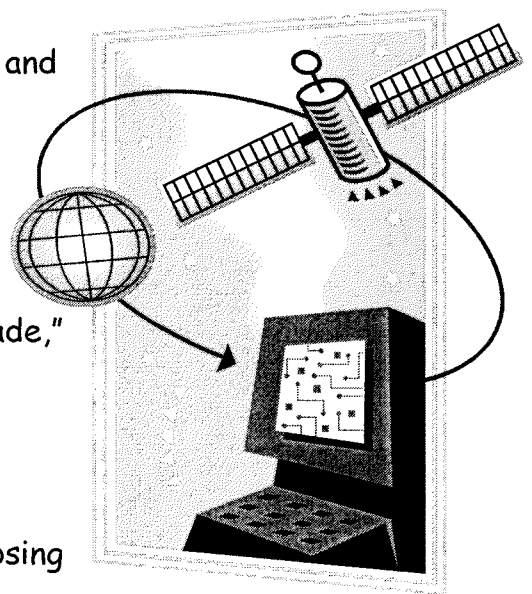
A split second before the game loaded, the face of Cawdor sprang onto the screen.

"Fool," he cried, "your parents will pay the price for your recklessness." Within seconds, Connor was dealing with everything the evil Second Empire could throw at him. Soon, a mechanical, rasping voice could be heard.

"Will you accept the surrender of the Second Empire?"

"You bet!" Connor said.

Just then, there was much commotion downstairs.



"Connor," shouted Mum, "guess what! We came out of Aunt Bella's and a streak of lightning flashed out of the sky from nowhere and missed us by centimetres."

"It didn't," interrupted Dad, "it hit us, but it had no effect."

"Don't be daft," said Mum. "If it had hit us, we wouldn't be here to tell the tale!"

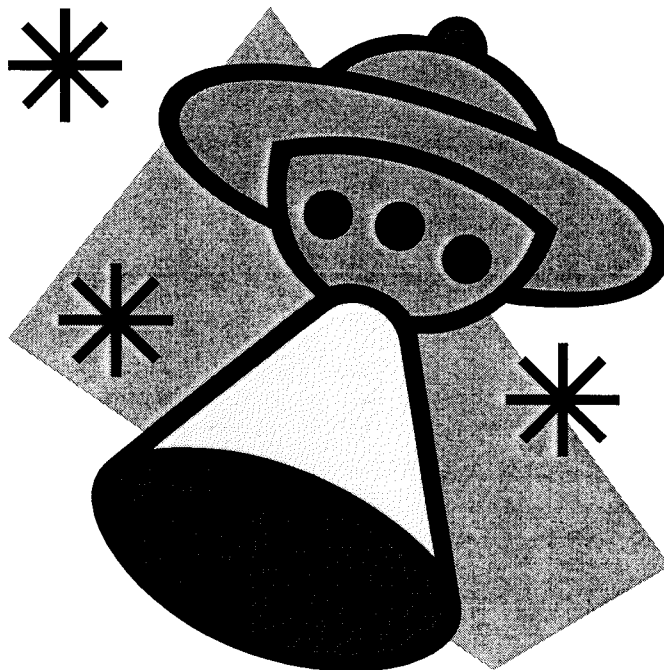
"Well, it felt like it hit us," said Dad, rather deflated because Mum's logic was finally sinking in.

"What have you been doing, Connor?" asked Mum.

"Playing that boring computer game, I expect," said Dad.

"Yes, it's been a very dull evening," said Connor, looking at the blank screen of his computer, upon which the message "THIS GAME IS NO LONGER ACTIVE" was flashing on and off.

"It's been a *very* dull evening."



Reading Test Questions 5 - The Dull Evening

1. Connor is playing on his computer and has just...

- | | | | |
|-----------------------------------|---------------------------------|-----------------------------------|------------------------------------|
| Fought the Second Empire and lost | Fought the First Empire and won | Wiped out the Second Empire again | Decided to buy a new computer game |
|-----------------------------------|---------------------------------|-----------------------------------|------------------------------------|

1 mark

2. When Connor fights the Second Empire he always fights..

- | | | | |
|------|------|-------------|------------------------------------|
| Good | Evil | His parents | Different sides each time he plays |
|------|------|-------------|------------------------------------|

1 mark

3. When his mum and dad go out Connor plays...

- | | | | |
|----------------------------------------------------|---------------------------------|-----------------------------|--------------------------------------------------|
| A different game as most of his games were rubbish | The new game he has just bought | The Second Empire once more | The First Empire as it is his most exciting game |
|----------------------------------------------------|---------------------------------|-----------------------------|--------------------------------------------------|

1 mark

4. This time however, the game comes to life and Connor is approached by both the First and Second Empire to fight on their behalf. Both sides need him because...

- | | | | |
|-------------------------|----------------------------------|----------------------------------|---------------------------------|
| He plays the game a lot | He is always on the side of good | He is always on the side of evil | He is such a good space fighter |
|-------------------------|----------------------------------|----------------------------------|---------------------------------|

1 mark

5. The forces of evil have threatened Connor with his parent's safety. The forces of good have said they will protect Connor's parents. You know the forces of good have won because Connor's parents...

- | | | | |
|------------------------------|---------------------|-----------------------------|-------------------------------------------------|
| Are caught in a thunderstorm | Were angry with him | Disagree over the lightning | Arrive home safely but were struck by lightning |
|------------------------------|---------------------|-----------------------------|-------------------------------------------------|

1 mark

6. Why was Connor unconcerned when the game broke down?

1 mark

7. What did Connor need to play some decent games?

1 mark

8. Events from the story 'The Dull Evening' are listed below. Number each event to show the order in which they happen. The first one has been done for you.

	Cawdor explains the reason for the game
	Thane promises to protect Connor's parents
	Connor's parents disagree about the lightning
	Connor is forced to fight for the Second Empire
1	Connor's parents visit his Aunt Bella

2 marks

9. Why do you think the writer chose to use the words *cold*, *metallic* and *rasping* (Page 1) to describe Cawdor's voice?

2 marks

10. '*Join in the battle for mastery of the Universe, the final battle between the forces of good - the First Empire - and evil - the Second Empire*' (Page 2)
Why are these words in italics in the story?

2 marks

11. What was different about the inhabitants of other planets, according to Cawdor?

1 mark

12. What did Cawdor try to force Connor to do?

1 mark

13. a) According to Cawdor, what was the purpose of the game?

2 marks

13. b) What advantage did the game have, compared with actual fighting?

2 marks

14. Write down definitions of the following words, taken from the text. One has been done for you.

Reluctant	⇒	unwilling, unenthusiastic
Inhabitant	⇒	
Obliterate	⇒	
Distribute	⇒	
Efficient	⇒	

2 marks

15. Find and write down a quote from the story to show...

a) Why Thane helped protect Connor's parents (Page 3)
b) Cawdor's reaction to Thane's intervention (Page 3)
c) That Cawdor carried out his threat against Connor's parents (Page 4)
d) How relaxed Connor was about his adventure (Page 4)

2 marks

16. a) What were the two different versions of the attack given by Connor's parents?

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2 marks

16. b) Whose version was correct?

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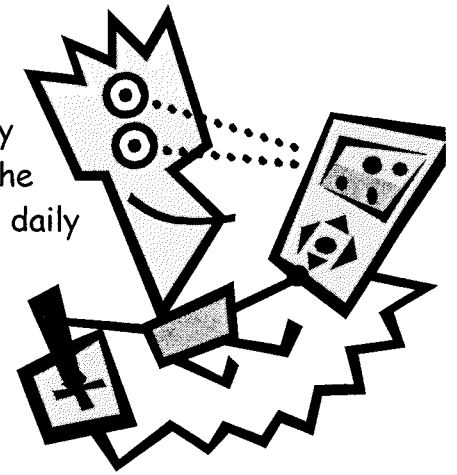
1 mark

Maximum
26 marks

Reading Test Extra - The Marvellous Microchip

For something the size of a Smartie, the microchip is a very useful item. Science fiction is becoming science fact as the advances in microchip technology make huge changes in our daily lives.

Many of the things we take for granted are operated by this tiny marvel; washing machines, production line robotics, digital equipment and, of course, video games.



So how does it work?

The microchip contains up to 450,000 electronic components linked to microscopic electric circuits. Signals pass through these circuits at incredible speeds, making them capable of performing up to 250 million calculations per second.

Fact Box

Microchips are made from silicon - a substance easily obtainable from sand and rocks

Different types of microchip

Microprocessor	This type of microchip is a minicomputer capable of running a washing machine or similar electronic equipment. Alternatively, it can act as a nerve centre, processing information in a much larger computer and controlling its activities.
Memory chips	Use identical circuits on which to store information.
Interface chips	These are the translators. When you press the keys on a computer keyboard, the interface chip translates the letters and numbers into the language of the computer - the binary code. This is the information the electronic circuits act on. Once the calculations have been worked out, the interface chip translates the binary code back into our own language so that we can read it off the computer screen.
Clock chips	Provide computer circuits with the timing necessary to process the electronic signals in the correct order.

Microchips and the Modern Computer

The first adding machine, a forerunner of the digital computer, was devised in 1642 by the French scientist Blaise Pascal. From those humble beginnings, computers have

become so commonplace that we often take them for granted. They fly aeroplanes, operate machinery, and provide high-tech entertainment, with computer-generated graphics and special effects. Because the cost of them has fallen so much compared to early computers, many people do not just use computers at work but can afford to have one at home.

Early computers were enormous, bulky contraptions, before the advent of the microchip and the binary code. Not only were the electrical circuits that much bigger, but the information they held was stored on large spools of magnetic tape which could fill several rooms! Today a computer can fit in your hand. Also computers used to only be used by people who were trained in them. Today the simple programmes on computers means that computers are easy and quick to access by everyone.

Hot Stuff

The supercomputer used to process data for the launch of a space shuttle is subjected to enormous stress.

Two hundred thousand microchips, processing a billion calculations a second, take twenty hours to handle all the data necessary for a successful launch.

This speedily calculated work generates enough heat to melt the machine, so it has to be continually washed with a coolant while in operation.

Talking Computers

Computers that understand human speech are already used in some business processes. Eventually, technology will make it possible for *all* computer systems to respond to our voice commands and even answer back!

For a computer to understand the spoken word it must first have speech sounds stored in its memory. Then it is programmed to identify these sounds, translating them into words. To respond, it assembles the sounds in its memory to form recognisable words and then uses a microphone to talk back.

No More Language Barriers

In the future, it might be possible for all nationalities to speak easily to each other with the aid of portable voice synthesisers.

A person could speak into the synthesiser, which would identify the language and translate it into the language of the other person. This would be an improvement in technology but perhaps not a good development for language teachers!

Reading Test Extra - Questions - Microchips

1. Name three everyday things that use microchip technology.

1 mark

2. How fast can a microchip calculate?

1 mark

3. What is the basic ingredient of most microchips?

1 mark

4. The table on Page 5 tells you...

About different types of microchip	All about computers	How quickly microchips operate	What is in the next section
------------------------------------	---------------------	--------------------------------	-----------------------------

1 mark

5. What is the purpose of the subheadings in the 'The Marvellous Microchip'?

2 marks

6. When we use a keyboard what does the interface chip do?

2 marks

7. What devices allow computers to process the electronic signals in the correct order?

1 mark

8. Name three things that computers are used for.

1 mark

9. Where was early computer information stored before memory chips were invented?

1 mark

10. How many microchips does the space shuttle supercomputer have? Ring the correct answer.

20,000	200	2,000	200,000
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1 mark

11. Give three ways that computers have changed over time.

2 marks

12. Three of the statements below are correct. Place a tick next to each correct one.

<input type="checkbox"/>	• A microprocessor is able to control a computer's activities
<input type="checkbox"/>	• The first adding machine was made in the 16 th century
<input type="checkbox"/>	• Early computers were small
<input type="checkbox"/>	• Some computers are able to understand human speech
<input type="checkbox"/>	• Microchip technology is used in many everyday things
<input type="checkbox"/>	• All computers need a coolant to stop them overheating

2 marks

13. Why would portable voice synthesisers not be a good development for language teachers?

2 marks

14. Use the information on Pages 5 and 6 to fill in this table of facts about 'The Marvellous Microchip'. One has been done for you

The inventor of the first adding machine	Blaise Pascal
Amount of time needed to process data for the launch of a space shuttle	
Source of silicon	
The 'language' of the computer	

2 marks

15. At the start of 'The Marvellous Microchip' it states that 'science fiction is becoming science fact'. What does this mean?

2 marks
Maximum
22 marks

Reading Test 6 - The Rescue

Mr Jones sat in the rush hour traffic and drummed his fingers lightly on the steering wheel. 'This will be over soon,' he thought, as a red Ford Escort cut in front of him.



Mrs Jones looked at the mountain of shopping in her trolley and then at the queue stretching ahead of her, which hadn't moved in ages. 'Soon,' she thought, 'this will all be over.'

Harry waited in the bus queue. 'This will soon be over,' he thought. His time for waiting for buses was coming to an end! "At last," he muttered, as he saw his bus come over the hill.

"Sorry, full up," said the driver. "You'll have to catch the next one."

"If there is a next one!" someone behind Harry shouted angrily. Harry didn't mind though, it was his last day at school. Tomorrow his family were starting a fantastic adventure. They were sailing around the world in their boat.

Harry's family had been planning this adventure for three years.

"We'll mortgage the house," said Dad.

"We'll borrow from the bank," said Mum.

"We'll get sponsorship," said Harry.

And that was exactly what they did. Harry thought that their boat, the ten-metre *Morning Star*, looked like a floating advert as it was covered in posters for washing-up liquids, soap powders, watches, clothes, toilet tissue and computers.

Harry thought that they would never cast off. Dad gave interview after interview; there came a point when Harry thought Dad would lose his temper, especially when he was asked for the tenth time:

"Have you considered the risks of sailing around the world?"

But no, Dad just smiled sweetly and said, "We may never get going because of all the interviews." The T.V. people laughed, took the hint, and finally let the family go.

They pulled anchor and set sail. Mum had checked the winds, the charts and the radio for the thousandth time.

"You can't be too careful," she said, and then showed Harry her prized piece of equipment. "This," she said proudly, "is a radio distress beacon. If we get into trouble we just press this button and air-sea rescue will find us anywhere in the world. You can tell it's working by the little green light." Harry didn't like to interrupt Mum to tell her that Dad had given him the same speech the day before!

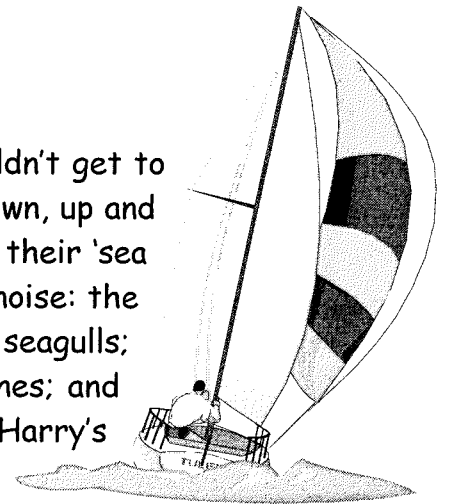
The *Morning Star* pulled clear of the harbour, and finally the noise from the cheering crowds subsided. The breeze was sufficient for a speed of about four to five knots, which meant they had time to adjust all the sails carefully and yet still move quite quickly.

"No more rush hour," said Dad.

"No more supermarket queues," said Mum.

"No more school," said Harry.

The first night on the yacht was the worst. They simply couldn't get to sleep. The yacht moved continuously - up and down, up and down, up and down ... *ooohh*, they all started to feel sick, although they soon got their 'sea legs'. It was also noisy at sea, but they soon got used to the noise: the wind in the sails; the water against the hull; the inquisitive seagulls; the hooters of other ships as they crossed busy shipping lanes; and the short burst of radio-static as messages came in. Most of Harry's friends had said that the quiet would drive them crazy, but there wasn't ever *any* quiet at sea.



Harry had to continue his education while they were on their voyage. This was one of the conditions of Harry going on the trip. Unfortunately, Mum was a teacher and so he was unable to escape the dreaded reading tests, spelling and handwriting tests, writing tests, calculator tests, non-calculator tests, science tests....

You probably know how he felt!

They were halfway across the Pacific Ocean, and hadn't seen another ship or land for weeks, when the storm hit them. Mum looked at the darkening sky and said, "Oh!"

Dad looked at the meteorological forecasts and simply said, "We'll be all right, nothing's forecast." Mum gave him her 'how-can-you-be-so-stupid' look, and he called on the radio, "This is Alpha-Charlie-Echo 3. Can we have the latest forecast?"

They never heard what the latest forecast was because, suddenly, the sea that had been so calm became as threatening as a school bully. The new sea was angry and violent and had brought its friend, the malicious wind, to gang up on them.

The sail was the first to go. The masts went next. The stores which were lashed to the top of the boat soon followed.

Mum, Dad and Harry were all lashed tightly to the safety rails, but the yacht was quickly being stripped of anything useful.

"Over there," screamed Mum, "look!"

Harry looked; one minute there was a mountainous wave and the next an island.

"Steer four degrees starboard," she said, as if steering made any difference to where the boat was going!

A resounding crash that split the hull in two told them that they had made it to land and were safe.

The boat was wrecked, and all the supplies gone, but they were alive and very, very grateful for that.

After the storm blew itself out, they reconnoitred the island on which they had landed, which appeared uninhabited, and soon discovered fresh water to drink and edible plants. They returned to the shore to sift through the wreckage of the *Morning Star* to see if they could salvage anything useful.

Dad proudly held up one working and very new-looking radio distress beacon. "I can't believe it's still working, but it is. Look, the light is green. All I have to do is press the button and we'll be rescued."

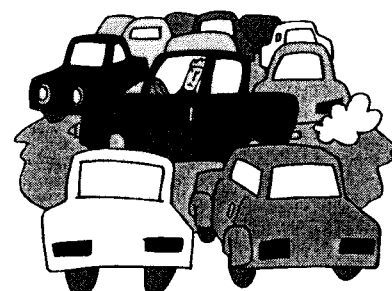
At that moment, Mum looked at Dad and Dad looked at Mum.

"Back to rush hours," said Dad.

"Back to supermarket queues," said Mum.

"Back to school," said Harry.

"Let's not press the button just yet," said Dad, smiling.



Reading Test Questions 6 - The Rescue

1. At the start of the story the Jones family can't wait to...

- | | | | |
|-----------------------|--------------------------|-------------------------------------|----------------------|
| Do all their shopping | Sit in traffic for hours | Leave home to sail around the world | Plan a new adventure |
|-----------------------|--------------------------|-------------------------------------|----------------------|

1 mark

2. To finance the trip they...

- | | | | |
|---------------------|------------------------|---------------------------------------|-----------------|
| Mortgaged the house | Borrowed from the bank | Used their boat to advertise products | Gave interviews |
|---------------------|------------------------|---------------------------------------|-----------------|

1 mark

3. The first night on the yacht was unpleasant because...

- | | | | |
|------------------|----------------------------|----------------------------|-----------------------------|
| It was too quiet | The boat wasn't big enough | They couldn't get to sleep | There was a gale force wind |
|------------------|----------------------------|----------------------------|-----------------------------|

1 mark

4. When they reached the middle of the Pacific Ocean they hit a storm. As a result...

- | | | | |
|-----------------------|-----------------------|----------------------------|---------------------------------|
| They were all seasick | The wind was dreadful | The sails had to be raised | They were marooned on an island |
|-----------------------|-----------------------|----------------------------|---------------------------------|

1 mark

5. The radio distress beacon was still working so it would be easy to be rescued. However they decided not to press the rescue button straight away as...

- | | | | |
|-----------------------------|---------------------------------------|---------------------|-----------------------------------------------------|
| They wanted a holiday first | They were tired after their adventure | The island was nice | They were unsure about going back to their old life |
|-----------------------------|---------------------------------------|---------------------|-----------------------------------------------------|

1 mark

6. Why did the boat look like a floating advertisement?

1 mark

7. '...but there wasn't ever *any* quiet at sea.' (Page 2). Why is the word 'any' in italics in the story?

1 mark

8. Name three types of noise that disturbed the family on their first night

2 marks

9. What aspect of life at sea did Harry not enjoy as part of his daily routine?

1 mark

10. Where were the Jones family when the storm hit them?

1 mark

11. Events from the story 'The Rescue' are listed below. Number each event to show the order in which they happen. The first one has been done for you.

	The family felt sick at sea
	They consider being rescued
	Mr Jones said that bad weather had not been forecast
1	Mrs Jones stood in the supermarket queue
	They pulled anchor and set sail

2 marks

12. a) What simile is used to describe the sea changing? (Page 3)

1 mark

12. b) What metaphor is used in the same paragraph?

2 marks

13. How did the family first react to being shipwrecked?

1 mark

14. Find synonyms for the following words taken from the text.

• subsided (Page 2)	
• resounding (Page 3)	
• reconnoitred (Page 3)	

2 marks

15. What double meaning does the title imply, once you have read the story?

2 marks

16. What clue in the text suggests that the Jones family might not want to return home?

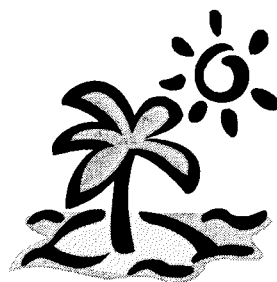
1 mark

17. What impression of the Jones' family life does the first part of the story create?

2 marks

18. What thought do all three members of the Jones family have as they encounter 21st Century life in a city for the last time?

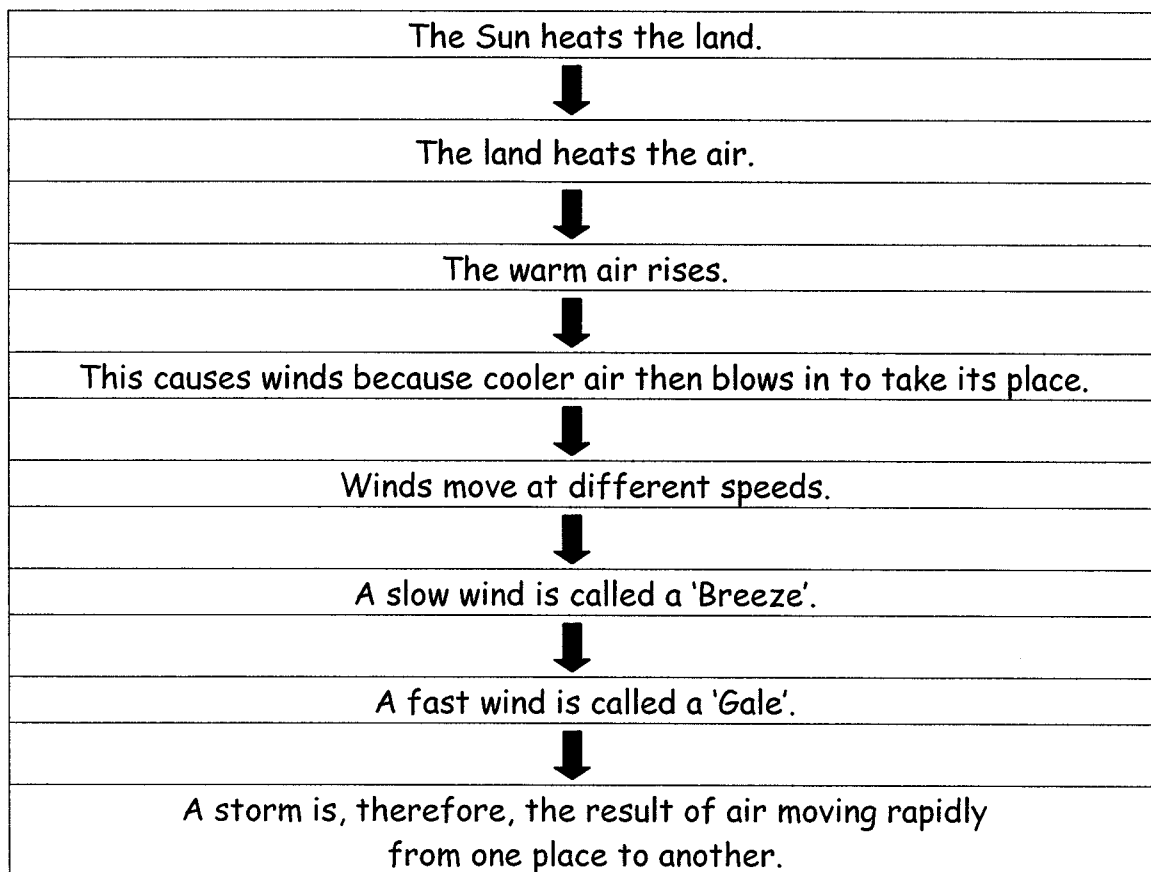
1 mark



Maximum
25 marks

Reading Test Extra - Storms

The chart below shows how winds develop:



Facts About Thunder and Lightning

During a thunderstorm, large electrical charges build up inside clouds and on the ground. This process continues until a flash of lightning shoots between the two levels.

Lightning does not only flash between clouds and the ground but also between clouds. Lightning is a sequence of flashes; the first flash zigzags to the ground, then another flash surges back upward. Other flashes may follow these two main flashes. On rare occasions, the spark from lightning can generate temperatures of 30,000 degrees centigrade.

Thunder is the sound of air expanding after it has been warmed by lightning. The noise follows a few seconds after the flash of lightning, as sound travels more slowly than light. If you want to know how far you are from a storm, count the number of seconds between the lightning and thunder, divide this number by three, and the result shows how many kilometres there are between you and the storm.

At any given moment, there are nearly 2,000 thunderstorms taking place in the world. The biggest thunderbolt can be nearly twice as high as Mount Everest!

Different Types of Storms

Hurricanes	Tornadoes
<p>This is a violent tropical storm. The storm area is about 150 - 750 km (usually 600 km) in diameter, and the wind speed may reach between 100 and 200 km per hour. In hurricanes, the winds spiral around rapidly like a giant spinning top. Hurricanes begin over the Equator when warm air rises rapidly and cold air rushes in to replace it. Hurricanes occur in the Atlantic Ocean. The same type of storm (called a typhoon) occurs in the Pacific Ocean and in the Indian Ocean (called a cyclone). A hurricane occurred in Britain in 1987. Winds gusted at 185 km per hour and 15 million trees were lost.</p>	<p>This is the same type of storm as a hurricane, but much smaller. The diameter of a tornado is about 1,500 metres. A tornado begins over land when masses of cloud meet and take the shape of a black funnel. Tornadoes occur most frequently in the United States of America. The tip of the funnel spins down to the ground and literally sucks up everything in its path. The wind speed of a tornado is around 50 km per hour and can be heard up to 40 km away! Houses in the path of a tornado may explode because of the low pressure inside the tornado.</p>

The Beaufort Wind Scale

An English Admiral, Sir Francis Beaufort, devised a scale for measuring wind force in 1806. This scale is still used today.

A hurricane is the highest wind force - it is number 12 on the scale.

With this scale, if you are sailing anywhere in the world and the weather report says, 'Expect force 12 winds', you will know that a hurricane is on the way!

The Beaufort Wind Scale is shown below.

The Beaufort Wind Scale	
<i>Force</i>	<i>Definition</i>
0	Calm
1	Light air
2	Light breeze
3	Gentle breeze
4	Moderate breeze
5	Fresh breeze
6	Strong breeze
7	Moderate gale
8	Fresh gale
9	Strong gale
10	Whole gale
11	Storm
12	Hurricane



Reading Test Extra - Questions - Storms

1. Put the following events in the correct order to show how winds arise.

• Cool air blows in to take the place of warm air	
• The land heats the air	
• Warm air rises	

2 marks

2. What type of charge builds up in thunderstorms?

1 mark

3. How hot can lightning get?

1 mark

4. If you counted nine seconds between a flash of lightning and the accompanying thunder, how far would you be from the storm?

2 marks

5. How high can a thunderbolt be?

1 mark

6. a) What causes thunder?

1 mark

6. b) Why do we hear thunder a few seconds after seeing lightning?

1 mark

7. Three of the following statements are correct. Place a tick next to each correct one.

• Winds move at different speeds	
• A fast wind is called a breeze	
• A slow wind is called a gale	
• A storm is the result of air moving rapidly from place to place	
• Lightning can flash between clouds	
• There are only ever two flashes of lightning	

2 marks

8. a) Which storms cover a larger area - hurricanes or tornadoes?

1 mark

8. b) Which storms travel have the faster wind speed - hurricanes or tornadoes?

1 mark

8. c) If you saw a black funnel of cloud, what storm would you be looking at?

1 mark

9. By what other names are hurricanes known and where do they occur?

Name	→	Where
	→	
	→	

2 marks

10. How many storms take place at any given moment?

1 mark

11. Why has the information about hurricanes and tornadoes been presented in separate tables?

1 mark

12. The Beaufort Wind Scale chart...

Shows how winds develop

Tells you about hurricanes and tornadoes

Measures wind force

Is like a thermometer

1 mark

13. In which year did Admiral Beaufort devise his wind scale?

1 mark

14. What type of wind is a Force 7?

1 mark

15. If you were sailing, which of these two weather conditions would normally be preferable - Force 0 or Force 5? Explain your answer.

2 marks

Maximum
23 marks