

Before-reading questions

- 1 *Reader's own answer.*
- 2 *Reader's own answer.*
- 3 *Reader's own answer.*

During-reading questions

CHAPTER ONE

- 1 How did the universe begin?
- 2 He could not speak because of his disability.

CHAPTER TWO

- 1 He was a doctor. He did research into tropical diseases.
- 2 It was the time of the Second World War, but there were no bombs in Oxford.
- 3 An electric train.

CHAPTER THREE

- 1 In winter, they wore a lot of clothes to keep warm. When they ate dinner together, they often read books and did not talk. They had an old London taxi for a car.
- 2 They travelled by boat and train.
- 3 They used parts from a clock and an old telephone.
- 4 Einstein. **Model answer:** Maybe because both Einstein and Stephen were clever and good at science.

CHAPTER FOUR

- 1 Sometimes exciting things happened in the laboratory in chemistry.
- 2 He went to the boat club.
- 3 He did not speak the language and nobody spoke English.

CHAPTER FIVE

- 1 He wanted to understand the universe.
- 2 Stephen kept falling over, and the doctor did not know why.
- 3 He met her at a friend's party.

CHAPTER SIX

- 1 They liked the weather and the new colour televisions.
- 2 In Switzerland.
- 3 Walter Woltosz made a machine to help Stephen speak.

CHAPTER SEVEN

- 1 He needed to make money, and he wanted to write a book about physics in easy language.
- 2 He went up in a balloon.
- 3 He spoke at the opening of the Paralympic Games in London.

CHAPTER EIGHT

- 1 Seventy-six
- 2 Fifty-five

After-reading questions

- 1 *Reader's own answer.*
- 2 *Reader's own answer.*
- 3 *Reader's own answers.*
Model answer: Because he was not in a wheelchair.
- 4 *Reader's own answer.*

Exercises

CHAPTERS ONE AND TWO

- 1 1 g 2 a 3 b 4 f
5 c 6 d 7 e
- 1 A person with a **disability** finds it difficult to do some things.
- 2 A **muscle** moves a part of the body.
- 3 Some people use a **wheelchair** because they cannot walk.
- 4 Scientists do a lot of **research**.
- 5 An **insect** is an animal with six legs.
- 6 When two countries fight, it is a **war**.

- 7 If a **bomb** comes down on a house, the house falls down.
- 8 Stephen did not want a clockwork train, he wanted an **electric** train.

CHAPTERS THREE AND FOUR

- 3 1 In 1950, Stephen's parents **bought** a big house in St Albans.
- 2 In winter, Frank and his family had to **wear** a lot of clothes.
- 3 At dinner, the family did not talk because they **were reading** books.
- 4 One year, the family **did not go** to Weymouth for the summer.
- 5 The teacher in Mallorca could not teach the boys because he **was writing** a book.
- 6 With a friend, Stephen liked to **invent** a lot of games.
- 7 Stephen's father **had** an interesting job.
- 8 Stephen **did not like** the insects in his father's laboratory.

- | | |
|-----------------|-------------|
| 4 Across | Down |
| 2 universe | 1 Iran |
| 5 India | 3 invent |
| 6 earthquake | 4 caravan |
| 7 laboratory | 8 tent |
| 9 maths | |

CHAPTER FIVE

- 5 1 e 2 f 3 d 4 h
- 5 g 6 a 7 b 8 c

CHAPTER SIX

- 6 1 true
- 2 false (Stephen had a special car for a time.)
- 3 false (CalTech is in Pasadena, California.)
- 4 false (Stephen and his family loved California.)
- 5 true
- 6 true

- 7 false (After the operation Stephen could not talk.)
- 8 true
- 9 false (He used a muscle in his face to control his machine.)

CHAPTERS SEVEN AND EIGHT

- 7 1 Stephen wanted to write his book in easy language.
- 2 Stephen became very good friends with one of his nurses.
- 3 People wanted to know Stephen's story.
- 4 Stephen was in zero gravity for about four minutes./For about four minutes, Stephen was in zero gravity.
- 5 Stephen had a party for time travellers.
- 6 Stephen wrote some children's books with his daughter, Lucy.
- 7 Stephen died at home at the age of seventy-six./Stephen died at the age of seventy-six at home.
- 8 Stephen helped millions of people to understand more about physics.

TIMELINE

- 8 1 Where was Stephen Hawking born?
- 2 How old was Stephen when he became a student at the University of Oxford?
- 3 Why did Stephen's family not hear from him for ten days in 1962?
- 4 When was (Stephen and Jane's son) Robert born?
- 5 What happened in 1974?
- 6 How many people bought Stephen's first book?
- 7 Did Stephen like being in zero gravity?
- 8 What was the name of the film about Stephen's life?

Project work

Reader's own answers.