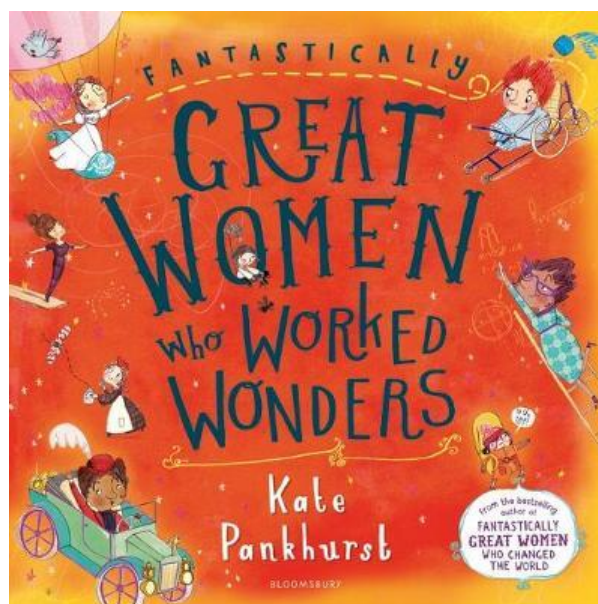


# Key stage 2

## English reading

### Reading answer booklet

First name						
Middle name						
Last name						
Date of birth	Day		Month		Year	
School name						
DfE number						



**These questions are about the 'Katherine Johnson' extract from the book  
'Fantastically Great Women who Worked Wonders'.**

1. Look at the first paragraph.  
What was Katherine Johnson's profession?
- \_\_\_\_\_
- 1 mark
2. According to this text, what effect did segregation laws have?
- \_\_\_\_\_
- 1 mark
3. Look at the first paragraph.  
Find and copy the phrase that shows Katherine was good at her job.
- \_\_\_\_\_
- 1 mark
4. According to the text, why were people employed as computers?
- \_\_\_\_\_
- 1 mark
5. *NASA employed lots of women...*  
What does the word *employed* mean in this sentence?
- Tick **one**.
- |                     |                          |
|---------------------|--------------------------|
| volunteered         | <input type="checkbox"/> |
| paid for their work | <input type="checkbox"/> |
| interviewed         | <input type="checkbox"/> |
| educated            | <input type="checkbox"/> |
- 1 mark
6. *Women were rarely considered for these top jobs...*
- (a) Explain what this sentence means.
- \_\_\_\_\_
- 1 mark
- (b) What does this suggest about what some people thought about women in the past?
- \_\_\_\_\_
- 1 mark
7. Which two countries were competing to be the first to explore space in the Space Race?
- \_\_\_\_\_
- 1 mark
8. Look at the paragraph beginning: ***"Lots of the way things worked at NASA..."***  
What does this paragraph suggest about Katherine's beliefs?
- \_\_\_\_\_
- \_\_\_\_\_
- 2 marks

9. Number these events from Katherine Johnson's life from 1-4 in the order in which they happen.

The first one has been done for you.

An astronaut preferred Katherine's work to a computer's to help his mission succeed.

Katherine had her research published.

Katherine's maths helped send the first American into space.

Katherine was employed by NASA.

1 mark

10. Look at the second page of the text.  
**Find and copy one** word which means the same as 'many'.

\_\_\_\_\_

1 mark

11. Find and copy 2 words or phrases that the author has used to describe Katherine that link her to space.

1. \_\_\_\_\_

2. \_\_\_\_\_

2 marks

12. Katherine was discriminated against because of the colour of her skin.  
What else was she discriminated against because of?

Tick **one**.

gender

disability

age

height

13. Katherine Johnson was a good role model for women at the time.  
Explain two ways that this statement is **true**, giving evidence from the text to support your answer.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3 marks

## Mark Scheme – Katherine Johnson

1. Look at the first paragraph.  
What was Katherine Johnson's profession?

**Mathematician**

2. According to this text, what effect did segregation laws have?

**They stopped black people from having the same opportunities as white people.**

3. Look at the first paragraph.  
Find and copy the phrase that shows Katherine was good at her job.

**extraordinarily talented**

4. According to the text, why were people employed as computers?

**Because computers had not been developed yet.**

5. *NASA employed lots of women...*  
What does the word *employed* mean in this sentence?

Tick **one**.

**paid for their  
work**

6. *Women were rarely considered for these top jobs...*

- (a) Explain what this sentence means.

**They did not usually employ women for those jobs.**

- (b) What does this suggest about what some people thought about women in the past?

**It suggests that they didn't think women could do it/women could not do the job as well as men could/men were better than women.**

7. Which two countries were competing to be the first to explore space in the Space Race?

**USA and Soviet Union (or Russia)**

8. Look at the paragraph beginning: *"Lots of the way things worked at NASA..."*  
What does this paragraph suggest about Katherine's beliefs?

**2 marks for answer + evidence**

**It shows that she thought women were treated unfairly/She thought NASA were wrong/She thought women were equal to men.**

9. Number these events from Katherine Johnson's life from 1-4 in the order in which they happen.  
The first one has been done for you.

An astronaut preferred Katherine's work to a computer's to help his mission succeed. 4

Katherine had her research published. 2

Katherine's maths helped send the first American into space.

3

Katherine was employed by NASA.

1

10. Look at the second page of the text.  
**Find and copy one** word which means the same as 'many'.

**countless**

12. Find and copy 2 words or phrases that the author has used to describe Katherine that link her to space.

**bright star**

**shine**

**shining**

2 marks

13. Katherine was discriminated against because of the colour of her skin.  
What else was she discriminated against because of?

Tick **one**.

gender

13. Katherine Johnson was a good role model for women at the time.  
Explain two ways that this statement is **true**, giving evidence from the text to support your answer.

3 marks for 2 answers + 1 evidence

- **She showed that women could have careers in Science and Maths**
- **She fought for her rights**
- **She was determined**
- **She showed women it was possible to be successful**
- **She became one of the first women to have her research published**
- **She changed people's thoughts on men and women**
- **She was a vital part in the Space Race**
- **She was very successful at her job**