



Women History Month

KATHERINE JOHNSON

Reading Comprehension



Name _____

Date _____

KATHERINE JOHNSON

Comprehension Questions

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. When was Katherine Johnson born?

- a. August 26, 1918
- b. August 26, 1919
- c. April 1, 1910
- d. April 1, 1928

2. Where did Katherine Johnson complete her education?

- a. University of Maryland
- b. West Virginia State College
- c. Mount St. Mary's College
- d. NASA's Langley Research Center

3. In what year did Katherine Johnson receive the National Medal of Science?

- a. 1997
- b. 1993
- c. 1962
- d. 1971

4. What role did Katherine Johnson play at NASA?

- a. Engineer
- b. Astronaut
- c. Human in Space
- d. Administrator

5. Which historic mission did Katherine Johnson work on?

- a. Apollo 13
- c. Apollo 11

6. Who was Katherine Johnson's mentor at NASA?

- a. Neil Armstrong
- b. John Glenn
- c. Yuri Gagarin
- d. Buzz Aldrin

KATHERINE JOHNSON

EARLY LIFE

Katherine Johnson, the pioneering mathematician and NASA scientist, was born on August 26, 1918, in White Sulphur Springs, West Virginia, USA. Growing up in a time of racial segregation and limited opportunities for African Americans, Katherine showed an early aptitude for mathematics and science. Despite facing discrimination and barriers to education, she excelled academically and pursued her passion for mathematics with determination and resilience.

EDUCATION AND CAREER AT NASA

Katherine Johnson's remarkable journey of exploration began when she enrolled at West Virginia State College after completing high school at the age of 16. After completing high school at the age of 16 with exceptional prowess, she graduated from West Virginia State College and joined the National Advisory Committee on Aeronautics (NACA). As a "human computer," she performed intricate calculations by hand to support scientists in the dynamic field of aerodynamics. Her mathematical skills and meticulous attention to detail earned her the admiration and respect of her colleagues, paving the way for her pivotal role in calculating trajectories, orbits, and launch windows for the Mercury, Gemini, and Apollo missions.

CONTRIBUTIONS TO SPACE EXPLORATION

Throughout her illustrious 35-year career at NASA, Katherine Johnson left an indelible mark on America's space program, especially during the crucial early years of the Space Race. Serving as a linchpin in the agency's success, she played a pivotal role in calculating trajectories, orbits, and launch windows for the Mercury, Gemini, and Apollo missions.

is the highest civilian honor in the United States. Katherine Johnson received in 2015? Personal Gold Medal of Peace Prize Presidential Medal of Freedom National Medal of Science

film brought Katherine Johnson's achievement to the public? It is a TV.



acy serves as a reminder

describes Katherine Johnson's life and work. STEM fields?

IONS:

NO-PREP & EDITABLE

did Katherine Johnson overcome the obstacles of the astronaut's

READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

Ready to Print

LEGACY OF TRAILBLAZING

Katherine Johnson's groundbreaking work at NASA paved the way for future generations of women and minorities in the fields of science, technology, engineering, and mathematics (STEM). Her contributions helped to dismantle stereotypes and barriers to inclusion in the aerospace industry, inspiring countless individuals to pursue careers in STEM and pursue their dreams regardless of gender or background.



ACHIEVEMENT

Katherine Johnson's profound contributions to mathematics and science have garnered widespread recognition, earning her a myriad of prestigious awards and honors. Among these accolades is the Presidential Medal of Freedom, the highest civilian honor in the United States, bestowed upon her by President Barack Obama in 2015. In addition to this esteemed recognition, Katherine received the Congressional Gold Medal, further underscoring her impact on American space exploration and scientific achievement. Her exemplary career and dedication to excellence were acknowledged through numerous honorary degrees from universities, solidifying her legacy as a trailblazer and inspiration for future generations.

IMPACT

Katherine Johnson's impact extends far beyond her story; it has inspired books, movies, and documentaries. The acclaimed film "Hidden Figures," which brought her to a wider audience, celebrates her legacy as a woman whose importance of diversity, perseverance, and excellence in knowledge and exploration.

LEGACY

Katherine Johnson's legacy as a woman and minority in STEM is a testament to the power of hope and inspiration for future generations. Her pioneering spirit and dedication to excellence serve as a model for anyone who overcomes obstacles and reaches new heights of discovery.



READING COMPREHENSION

Name _____

Date _____

KATHERINE JOHNSON

Comprehension Questions

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

I. When was Katherine Johnson born?

- a. August 26, 1928
- b. August 26, 1928
- c. April 1, 1910
- d. April 4, 1928

KATHERINE JOHNSON

EARLY LIFE

Katherine Johnson, the pioneering mathematician and NASA scientist, was born on August 26, 1918, in White Sulphur Springs, West Virginia, USA. Growing up in a time of racial segregation and limited opportunities for African Americans, Katherine showed an early aptitude for mathematics and science. Despite facing discrimination and barriers to education, she excelled academically and pursued her passion for mathematics with determination and resilience.



EDUCATION AND CAREER AT NASA

Katherine Johnson's remarkable journey in mathematics and exploration began when she enrolled at West Virginia State after completing high school at the age of 17. Studying with exceptional prowess, she graduated summa cum laude with exceptional honors. In 1943, Katherine joined NASA's predecessor, the National Advisory Committee for Aeronautics (NACA), as a "human computer," where she played a pivotal role in performing critical calculations by hand to support the agency's efforts in the dynamic field of aeronautics. Katherine's mathematical skills and meticulous attention to detail set her apart, earning her the admiration and respect of colleagues and embarking on her impactful journey in the space exploration.

CONTRIBUTIONS TO SPACE EXPLORATION

Throughout her illustrious 35-year career at NASA, Katherine Johnson left an indelible mark on America's space program, serving as a crucial early years of the Space Race. Serving as a key agency's success, she played a pivotal role in calculating orbits, and launch windows for the Mercury, Gemini, and Apollo missions. Notably, her exceptional contributions extended to the Apollo 11 mission, a monumental achievement that marked the first human landing on the Moon. Katherine's precise calculations ensured the safety and success of astronauts, paving the way for the historic Apollo 11 mission. Her journey of John Glenn, who became the first American to orbit Earth, showcasing her invaluable role in shaping the exploration.

higher education after

at NASA's predecessor, Aeronautics (NACA)?

at NASA?

Johnson contribute to by

Answers Key

MULTIPLE-CHOICE QUESTIONS:

- 1. b. August 26, 1928
- 2. b. West Virginia State College
- 3. b. 1953
- 4. a. "human computer"
- 5. c. Apollo 11
- 6. b. John Glenn
- 7. c. Presidential Medal of Freedom
- 8. c. Hidden Figures
- 9. c. Diversity
- 10. c. Inspiration

EXPLANATORY QUESTIONS:

- 1. Katherine Johnson was born on August 26, 1918, in White Sulphur Springs, West Virginia, USA.
- 2. Katherine faced racial segregation and limited opportunities for African Americans during her early years.
- 3. Katherine Johnson pursued her higher education at West Virginia State College, where she studied mathematics and graduated with honors.
- 4. Katherine Johnson joined NASA's predecessor, the National Advisory Committee for Aeronautics (NACA), in 1943.
- 5. Katherine Johnson contributed to the historic Apollo 11 mission, which marked the first human landing on the Moon.

Name _____

Date _____

KATHERINE JOHNSON

Comprehension Questions

DIRECTIONS: CHOOSE THE CORRECT ANSWER.

1. When was Katherine Johnson born?

- a. August 26, 1928
- b. August 26, 1938
- c. April 1, 1940
- d. April 4, 1928

2. Where did Katherine Johnson enroll for higher education after completing high school?

- a. University of Pittsburgh
- b. West Virginia State College
- c. Mount St. Scholastica College
- d. NASA's predecessor, NACA

3. In what year did Katherine Johnson join NASA's predecessor, the National Advisory Committee for Aeronautics (NACA)?

- a. 1947
- b. 1953
- c. 1962
- d. 1971

4. What role did Katherine Johnson play at NASA?

- a. Engineer
- b. Astronaut
- c. "Human computer"
- d. Administrator

5. Which historical event did Katherine Johnson contribute to by calculating the trajectories of the Apollo 11 mission?

a. The first human to orbit the Earth, and by Katherine Johnson's

Answers Key

MULTIPLE-CHOICE QUESTIONS:

- 1. b. August 26, 1928
- 2. b. West Virginia State College
- 3. c. 1953
- 4. c. "Human computer"
- 5. d. Apollo 11
- 6. c. John Glenn
- 7. d. Presidential Medal of Freedom
- 8. c. Hidden Figures
- 9. c. Overstory
- 10. c. Inspiration

EXPLANATORY QUESTIONS:

- 1. Katherine Johnson was born on August 26, 1928, in White Sulphur Springs, West Virginia, USA.
- 2. Katherine faced racial segregation and limited opportunities for African Americans during her early years.
- 3. Katherine Johnson pursued her higher education at West Virginia State College, where she studied mathematics and graduated summa cum laude.
- 4. Katherine Johnson joined NACA's predecessor, the National Advisory Committee for Aeronautics (NACA), in 1953.
- 5. Katherine Johnson contributed to the historic Apollo 11 mission, which marked the first human landing on the Moon.

7. What is the highest civilian honor in the United States that Katherine Johnson received in 2015?

- a. Congressional Gold Medal
- b. Nobel Peace Prize
- c. Presidential Medal of Freedom
- d. Order of Science

8. How do you think Katherine Johnson's achievements to aerospace have inspired future generations in STEM fields?

inspired

and her legacy serves as a reminder of the

of

by

by

one word that describes Katherine Johnson's impact on generations in STEM fields?

inspiration

inspiration

EXTENSION QUESTIONS:

1. Where and when was Katherine Johnson born?

2. What challenges did Katherine face growing up in her early years?

3. Where did Katherine Johnson pursue her higher education, and what degree did she earn?

4. In what year did Katherine Johnson join NASA's predecessor, the National Advisory Committee for Aeronautics (NACA)?

5. Which historic mission did Katherine Johnson contribute to, and what was the significance of her work on the safety and success of the astronauts involved?

MCQ'S & QUESTIONS

ANSWER KEY INCLUDED

READY TO PRINT

NO-PREP !

JUST PRINT AND GO!



EASY EDITING

EDITABLE

***FONTS ARE EMBEDDED FOR CONVENIENCE**

