GRADES 2–3

Katherine Johnson Mathematics

Name / chosen name: _____

Katherine Johnson · 1918–2020
Mathematics and spaceflight

Katherine Johnson was a mathematician whose work helped NASA plan space missions. She calculated flight paths and checked complex numbers. Before John Glenn's 1962 orbital flight, she checked calculations produced by electronic computers. Her work also supported other major space missions. Johnson worked in a period when racial and gender barriers limited opportunities. Her story is about mathematical skill, careful checking and teamwork, as well as the effort needed to work through unfair barriers.

1. What is one achievement described in the text?

2. Which detail supports your answer?

3. How does this contribution connect to a wider community or field?

Source: https://www.nasa.gov/people-of-nasa/katherine-g-johnson/

GRADES 2–3

Rosa Parks and Community Action

Name / chosen name: _____

Rosa Parks · 1913–2005
Civil rights and community action

Rosa Parks was a civil rights activist. On 1 December 1955 she was arrested after refusing to give up her bus seat under segregation rules in Montgomery, Alabama. Segregation separated people and denied equal treatment because of race. Her arrest helped spark a bus boycott organized by a wider community. Many people worked together through walking, carpools, meetings and legal action. Parks had been involved in civil rights before that day. Change was a collective effort, not one person's action alone.

1. What is one achievement described in the text?

2. Which detail supports your answer?

3. How does this contribution connect to a wider community or field?

Source: https://www.nps.gov/people/rosa-parks.htm

GRADES 2–3

Mae Jemison Science and Space

Name / chosen name: _____

Mae Jemison · born 1956
Medicine, engineering and space science

Mae Jemison trained as a physician and became a NASA astronaut. In September 1992 she travelled on Space Shuttle Endeavour during mission STS-47, becoming the first African American woman in space. The crew carried out scientific experiments. Her story connects several fields, including medicine, engineering and space research. A space mission depends on many people working together. Research her later work in a reliable current source rather than assuming this short history card covers her whole career.

1. What is one achievement described in the text?

2. Which detail supports your answer?

3. How does this contribution connect to a wider community or field?

Source: https://starchild.gsfc.nasa.gov/docs/StarChild/whos_who_level2/jemison.html

GRADES 4–5

Maya Angelou Literature Research

Name / chosen name: _____

Maya Angelou · 1928–2014
Literature and public life

Maya Angelou was a writer, poet and performer. In 1969 she published I Know Why the Caged Bird Sings, a memoir about her early life. A memoir is a person's written account of experiences. She later published more books and poetry and took part in civil rights work. Her life shows how literature can communicate experiences and ideas. Use a reliable biography to learn more; do not invent quotations or copy long passages from her writing. An educator can choose age-appropriate texts.

1. What is one achievement described in the text?

2. Which detail supports your answer?

3. How does this contribution connect to a wider community or field?

Source: https://www.womenshistory.org/education-resources/biographies/maya-angelou

GRADES 2–3

Event Source Detective

Name / chosen name: _____

Compare two educator-approved sources about an event question. Personal identity is not required. Do not invent quotations.

1. Person, community or question

2. Source title, creator and website or publication

3. One supported fact

4. A second supported fact

5. How the source supports my claim

6. What I still need to check

Sources: National Archives — US Constitution