

MAE JEMISON




Interactive Learning Guides

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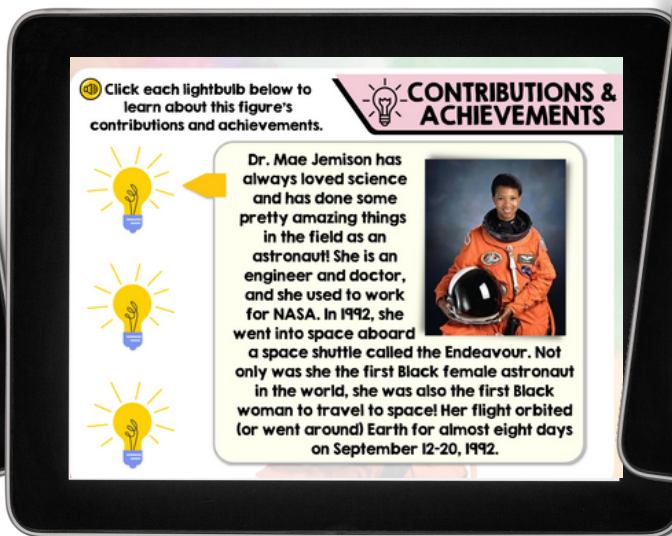


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Mae Jemison is an American engineer, physician, and former NASA astronaut. She made history in 1992 when she became the first Black American woman to travel to space aboard the Space Shuttle Endeavour. She also founded The Jemison Group, a technology and consulting company, and the Dorothy Jemison Foundation for Excellence, which supports education and cultural initiatives. In this Mini-Biography LINKtivity on Mae Jemison, students will learn about Jemison's early life, her accomplishments and contributions to science, and her on-going work that continues to inspire others.



More Sample Slides

Click each lightbulb below to learn about this figure's contributions and achievements.

CONTRIBUTIONS & ACHIEVEMENTS



After Mae Jemison left NASA, she did many interesting things! She became a professor and taught people about taking care of the environment. She also worked to encourage more young people, especially girls and students who don't usually get to do science, to learn about science and technology. Jemison started her own company called The Jemison Group. It helps people learn to use technology. She has also done many things to help people make their own ideas a reality. For example, she worked with the United Nations to start a program that helps kids make their communities better. She still thinks it's important for kids to learn about science in order to solve problems and create new things. Mae Jemison is a great role model for many people!

Click the < and > to see quotes.

QUOTES & PHOTOS

The really wonderful thing that happened to me when I was in space was this feeling of belonging to the entire universe.





Mae Jemison

Click each category below to learn more

BIO SNAPSHOT

CONTRIBUTIONS & ACHIEVEMENTS

QUOTES & PHOTOS

Click the < and > to see quotes.

QUOTES & PHOTOS

Folks need something aspirational; they need to do something that is hard. That's what ignites the imagination.




Early Life

Mae Jemison was born on October 17, 1956 in Alabama. She had two older siblings. When she was three years old, her family move to Chicago, Illinois where she grew up. Even as a child, Jemison was interested in learning about science.


Education

Jemison was very studious and graduated from high school at only 16 years old. After receiving a scholarship to attend Stanford University in California, she graduated in 1977 with a degree in chemical engineering. Next, Jemison moved to New York to attend medical school at Cornell University. In 1981, she graduated with a medical degree. She worked as a doctor in Los Angeles, CA, and then joined the Peace Corps in West Africa. She then applied, along with 2,000 other applicants to become an astronaut. She was one of only 15 applicants accepted to enter NASA's astronaut program in 1987.

Space Exploration

In 1992, while working as a crew member on the space shuttle Endeavour, Mae Jemison became the first African American woman in space. Today, Jemison is known as an American physician, engineer, and former NASA astronaut.

BIO SNAPSHOT




Click the video icon to learn more

Click each lightbulb below to learn about this figure's contributions and achievements.

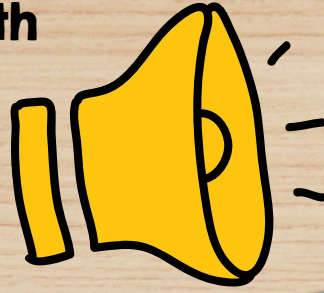
CONTRIBUTIONS & ACHIEVEMENTS

Dr. Mae Jemison has always loved science and has done some pretty amazing things in the field as an astronaut! She is an engineer and doctor, and she used to work for NASA. In 1992, she went into space aboard a space shuttle called the Endeavour. Not only was she the first Black female astronaut in the world, she was also the first Black woman to travel to space! Her flight orbited (or went around) Earth for almost eight days on September 12-20, 1992.




This LINKtivity is provided with

AUDIO SUPPORT



Perfect for English language learners or students who could use a little extra support!

BIO SNAPSHOT

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Click the video icon to learn more



Student & Teacher Resources

Recording Sheet for LINKtivity

Lesson Plan

LESSON

ESSENTIAL QUESTIONS:

What is a biography?
Who is (specific person) and what makes him/her unique?



Note: This lesson plan can be used with any mini-biography LINKtivity.

Standards Covered

CCRA.R.10

Materials Needed

Biography LINKtivity®
KWL student sheet
Biography student sheet (optional)
Chart paper/markers OR SMARTboard/Whiteboard

Teacher Preparation

Preview the mini-biography(ies) that you have selected for your students. Plan for how you will share the LINKtivity with students (ex. assign link in Google Classroom, prepare QR codes, etc). Prepare a KWL chart on chart paper or SMARTboard/whiteboard. Print the KWL and biography student sheets.

Lesson Introduction (5-10 min.)

- Introduce the essential questions.
- Introduce the person(s) your students will be exploring and provide each student with a **KWL student sheet**.
- **ASK:** What do you know about this person? What do you want to know about this person?
- Have students complete the first two columns of the chart. Note: If your whole class is exploring the same person, you can complete this chart together on a SMARTboard/whiteboard. If each student is completing a different person, have them complete a KWL for their specific person.

Lesson Activity (20 mins)


Have students complete a **Biography LINKtivity**, either one assigned to them or of their own selection. While navigating the LINKtivity, students have the option to complete the **biography student sheet**.


Optional Extension Activities

- Take virtual field trips to museums, historical sites, or places related to the person's life using a tool like Google Earth.
- Have students record a podcast episode about their person.
- Host a wax museum event where students dress up and take on the persona of their chosen individual to educate others.

Lesson Conclusion (2-5 min.)

Review essential questions and have students share their responses in light of what they have learned. Have students complete the final column of their KWL chart (what I learned).


Biography of: 

Include an illustration: 

BIO SNAPSHOT
List several facts about this person:

CONTRIBUTIONS & ACHIEVEMENTS
List several contributions and achievements of this person:

QUOTES
Choose one quote said by this person and write it below:



What this quote means to me:

What do you think was the biggest impact made by this person?

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Biography of: 

Insert an image: 

BIO SNAPSHOT
List several facts about this person:

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Choose one quote said by this person and write it below:



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Also available in Google Slides!

