

Title: Who is Mae Jemison?

Grade Level: 1st and 2nd

Subject: ELA & Social Studies

Keywords: Space, Astronaut, Scientist, and Space Shuttle



Lesson Plan:	All About Mae Jemison
Subject:	American History
Grade:	1 st and 2 nd
Description/ Abstract of Lesson	Mae Jemison was the first African American female astronaut to enter space. Use this lesson plan to learn more about this famous scientist. Children will then read and write about her, and color images representing Ms. Mae Jemison.
SS.2.A.1.1	Student will be able to examine primary and secondary sources.
SS.2.C.2.5	Students will be able to evaluate the contributions of various African Americans, Hispanics, Native Americans, veterans, and women.
LAFS.2.RI.1.1	Students will be able to ask and answer such questions as who, what, where, when, why, and how to demonstrate understanding of key details in a text.
LAFS.2.RL.1.3	Students will be able to describe how characters in a story respond to major events and challenges.
Objective(s):	Students will: <ul style="list-style-type: none">• Students will be able to read and write about Mae Jemison• They will be able to examine the challenges that she faced as the first African American Woman to travel out of space.• They will be able to explain who Mae Jemison is and the impact she has had on African American and Women's history.
Materials:	<ul style="list-style-type: none">● STS-129 HD LAUNCH https://youtu.be/zsJpUCWfyPE● Class enrichment set of "Who is Mae Jemison" Reader● Photos of Mae Jemison in space● Class Journal or Paper● Pencil
Duration:	<ul style="list-style-type: none">● 1-2 class periods● Block Scheduling (90 min.) 1 class period
Lesson Lead In/ Opening:	<ol style="list-style-type: none">1. The teacher will have the images of Mae Jemison displayed in the classroom.2. The teacher will ask the students if they have ever seen an Astronaut before or have seen a space shuttle launch.3. After the discussion write on the board the Key Terms for the lesson:<ol style="list-style-type: none">a. Spaceb. Astronautc. Space Shuttled. Scientist
Activity 1:	Warm up or Do Now: <ol style="list-style-type: none">I. Introduce the video by asking students if they have ever seen a space shuttle take off, and what they think they will see when they watch the video.II. Play the video STS-129 HD Launch starting from 1:13-2:10 to show the takeoff of a space shuttle. This video shows a countdown, takeoff, and the rocket boosters coming off the shuttle at around 3:30.III. Think, Write, Pair, Share: After watching the launching of the space shuttle, students will Think about what they have just saw in the video and Write

	<p>about how they think Mae Jemison might have felt on her first launch into space. They will then Pair up with their neighbor and share what each of them have wrote.</p> <p>IV. After the TWPS activity, tell students they will learn more about the first African American female astronaut to enter space.</p>
Activity 2:	<ol style="list-style-type: none"> a. Show photos of Mae Jemison in space. Hold a discussion with students about what they see in the pictures. b. Allow them to write down what they see in the photos and share with the class. c. Share a little information about Mae Jemison. Tell students that Mae Jemison was the first African American woman to enter space. She is a doctor, researcher, and dancer. After becoming a doctor, she joined the Peace Corps and served in Africa. Later, she joined NASA and became a crew member of the space shuttle Endeavour. After her travels in space, she left NASA to start companies and to continue researching how to get to a new star.
Activity 3:	<ol style="list-style-type: none"> a. Display and distribute the “Who is Mae Jemison?” reader to the students. b. As a whole group activity read the passage aloud c. Choose volunteers to read one section of the passage (six volunteers total) while the other students follow along in their reader. d. As a whole group, go over the instructions and the first question of the packet together.
Activity 4:	<ol style="list-style-type: none"> a. Ask students to now work independently on responding to the questions in the packet, using the information in the passage to support their answers. (Assist any students that may need help with comprehension).
Higher Order Thinking Questions:	<ol style="list-style-type: none"> 1. What were some of the challenges Mae Jemison faced as the first African American female astronaut to travel out of space? 2. How did she overcome these challenges? 3. Describe the path she took to become an astronaut?
Web Resources	<ol style="list-style-type: none"> I. Youtube video: STS-129 HD Launch- https://youtu.be/zsJpUCWfyPE II. https://www.education.com/lesson-plan/get-to-know-mae-jemison/ <ul style="list-style-type: none"> • Here you will find a copy of the worksheet “Who is Mae Jemison”

