

# Title: All About Mae Jemison

Grade Level: Kindergarten

Subject: ELA & Social Studies

Keywords: Space, Astronaut, Scientist, and Space Shuttle



<b>Lesson Plan:</b>	All About Mae Jemison
<b>Subject:</b>	American History
<b>Grade:</b>	Kindergarten
<b>Description/ Abstract of Lesson</b>	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.
<b>SS.K.A.1.2</b>	Student will develop an awareness of a primary source.
<b>LAFS.K.RI.1.2</b>	With prompting and support, students will be able to identify the main topic and retell key details of a text.
	Draw evidence from informational text to support analysis, reflection and research.
<b>Objective(s):</b>	Students will: <ul style="list-style-type: none"><li>● Identify the various strategies of Marcus Garvey's UNIA</li><li>● Discuss the appeal the Garvey Movement had not only on Black America but Black populations throughout the world</li><li>● Understanding historical events through various media resources</li></ul>
<b>Materials:</b>	<ul style="list-style-type: none"><li>● STS-129 HD LAUNCH <a href="https://youtu.be/zsJpUCWfyPE">https://youtu.be/zsJpUCWfyPE</a></li><li>● Class set of "All About Mae Jemison" Reader</li><li>● Photos of Mae Jemison in space</li></ul>
<b>Duration:</b>	<ul style="list-style-type: none"><li>● 1-2 class periods</li><li>● Block Scheduling (90 min.) 1 class period</li></ul>
<b>Lesson Lead In/ Opening:</b>	<ol style="list-style-type: none"><li>1. The teacher will have the images of Mae Jemison displayed in the classroom.</li><li>2. The teacher will ask the students if they have ever seen an Astronaut before or have seen a space shuttle launch.</li> <li>3. After the discussion write on the board the Key Terms for the lesson:<ol style="list-style-type: none"><li>a. Space</li><li>b. Astronaut</li><li>c. Space Shuttle</li></ol></li></ol>
<b>Activity 1:</b>	<b>Warm up or Do Now:</b> <ol style="list-style-type: none"><li>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.</li><li>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.</li><li>III. Class discussion: Students will discuss with the class their thoughts on watching the space shuttle take flight.</li><li>IV. Tell students they will learn more about the first African American female astronaut to enter space.</li></ol>
<b>Activity 2:</b>	Show photos of Mae Jemison in space. Hold a discussion with students about what they see in the pictures. Allow them to guess where Mae is and what she is in (space shuttle). 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.
<b>Activity 3:</b>	<ol style="list-style-type: none"> <li>a. Display and distribute the All About Mae Jemison reader to the students.</li> <li>b. Allow them to flip through the pages and preview the booklet.</li> <li>c. Ask students to share with their partners what they think the reader is about and what they will do with the reader.</li> <li>d. Choose volunteers to read one page each of the reader (eight volunteers total) while the other students follow along in their reader.</li> </ol>
<b>Activity 4:</b>	<ol style="list-style-type: none"> <li>a. Ask students to pair up again and reread the booklet. They can trace the sight words as they read the text.</li> <li>b. Have students share one thing they learned about Mae Jemison from the booklet.</li> </ol>
<b>Higher Order Thinking Questions:</b>	<ol style="list-style-type: none"> <li>1. What were some of the things Mae Jemison liked to do?</li> <li>2. Why is Mae Jemison famous?</li> <li>3. Where did Mae Jemison go to school?</li> </ol>
<b>Web Resources</b>	<ol style="list-style-type: none"> <li>I. Youtube video: STS-129 HD Launch- <a href="https://youtu.be/zsJpUCWfyPE">https://youtu.be/zsJpUCWfyPE</a></li> <li>II. <a href="https://www.education.com/lesson-plan/get-to-know-mae-jemison/">https://www.education.com/lesson-plan/get-to-know-mae-jemison/</a> <ul style="list-style-type: none"> <li>• Here you will find a copy of the worksheet “All About Mae Jemison”</li> </ul> </li> </ol>

