



MAE JEMISON

VIRTUAL biography



Mae Jemison & STEAM



Based on what you know so far about Mae Jemison, how is her work related to the field of STEAM?

In Mae Jemison's TED Talk from 2002, she talks about the *need* to use sciences and arts together in order to move into the future. At that time, those two subjects were thought to be very different, but Dr. Jemison knew that in order to keep discovering and learning, we must be willing to change the way we think. She knew that every day, we all use sciences and arts to understand the world around us. Her goal was to help us understand that sciences and arts need to be taught together in order for us to learn, understand, and engineer new things in the world.

How are Dr. Jemison's ideas that she shared in 2002 being used today to help us make new discoveries and inventions?



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INTEGRATES READING SKILLS

Short reading passages
build background and
introduce key vocabulary.



ENGAGING & EDUCATIONAL MEDIA

Engages students, motivates interest, and it aids learning, collaboration and communication.

STEAM & NASA



Watch this video to learn about how astronauts train.



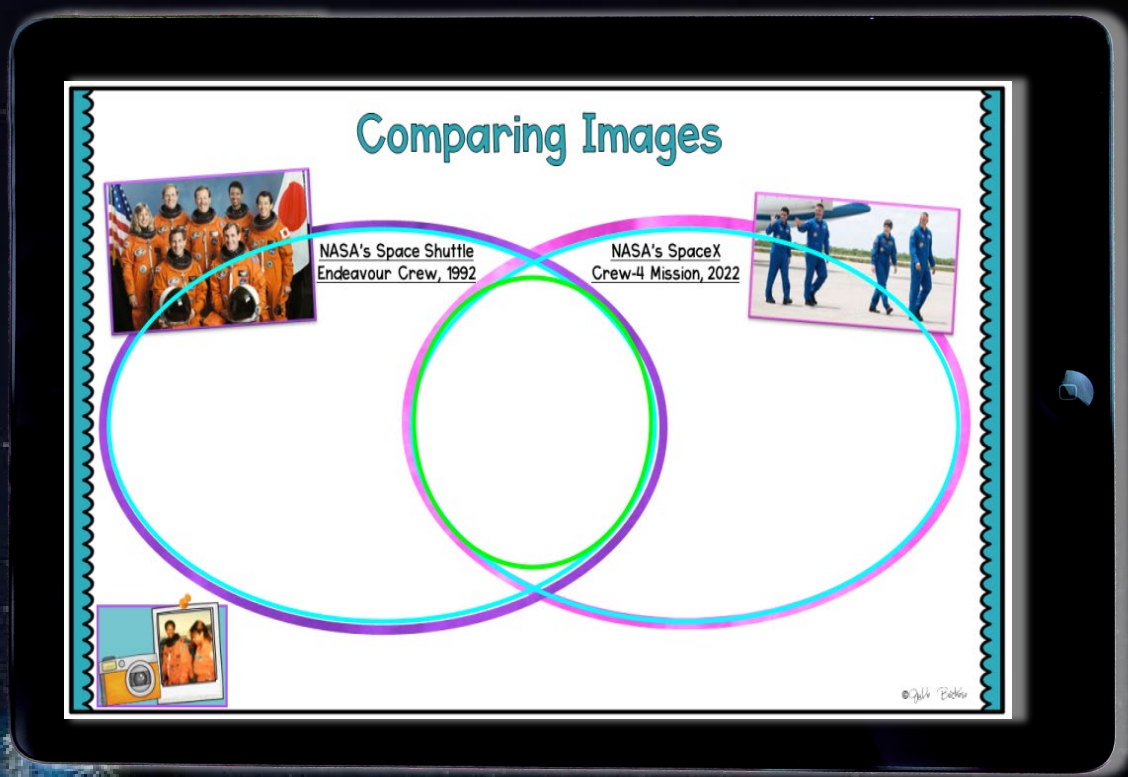
Watch this video to learn about NASA and engineering.



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CRITICAL THINKING

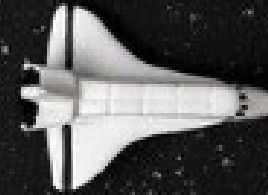
Students dive deep into this engaging topic and learn to draw conclusions and make judgements.



STEAM

Integrates STEAM content
throughout!

Connects Mae Jemison's career
to STEAM.



What is STEAM?

S- *science*

T- *technology*

E- *engineering*

A- *art*

M- *math*

STEAM stands for science, technology, engineering, art, and math! The term STEAM refers to the areas of study where all these subject matters overlap and are used together to explore new things. There are STEAM clubs, STEAM activities, STEAM careers, and more! Used together, these subjects can do amazing things and take us further into the future than any single subject can.

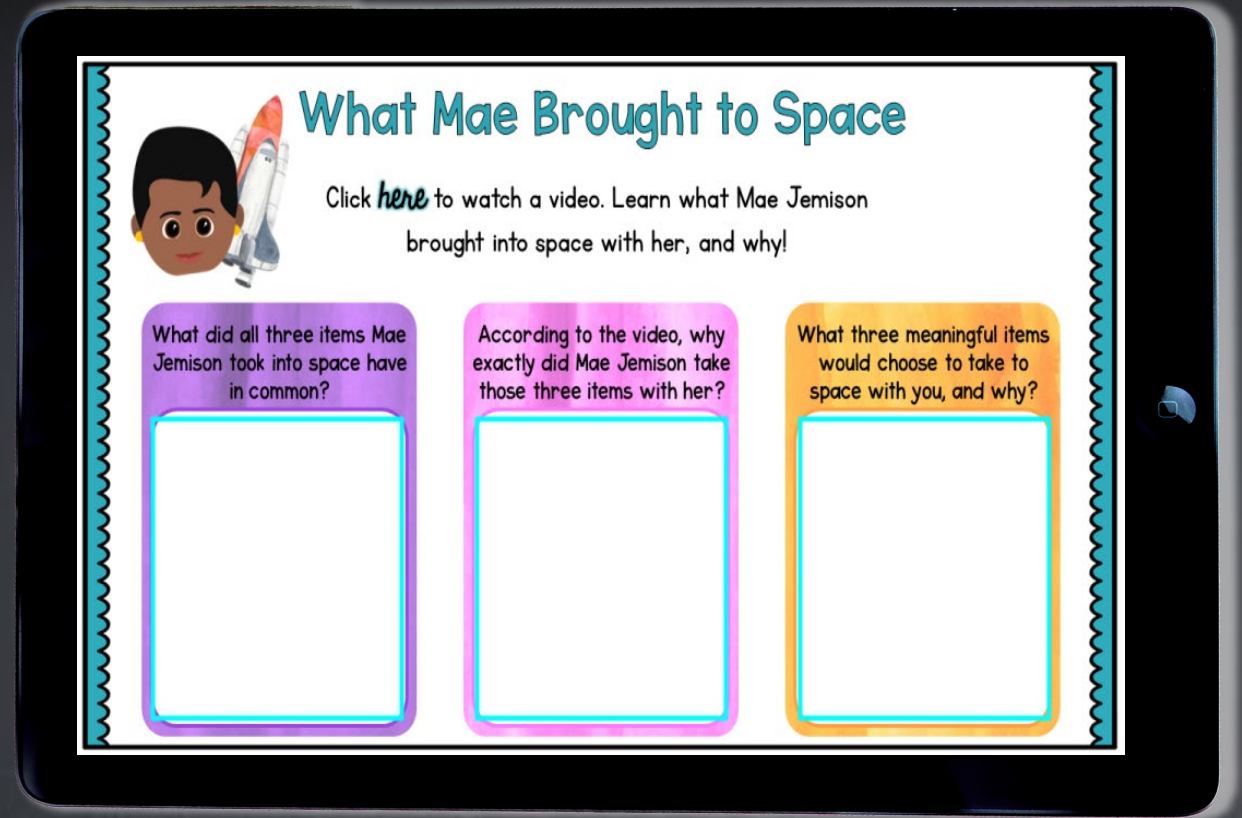


What are your favorite subjects, and what subject(s) would you like to learn more about?



LEARN ABOUT SPACE EXPLORATION

What does it take to be an
astronaut?



What Mae Brought to Space

Click [here](#) to watch a video. Learn what Mae Jemison brought into space with her, and why!

What did all three items Mae Jemison took into space have in common?

According to the video, why exactly did Mae Jemison take those three items with her?

What three meaningful items would you choose to take to space with you, and why?

The worksheet is displayed on a tablet with a black bezel. The background of the worksheet is white with a blue wavy border. It features a cartoon illustration of Mae Jemison and a space shuttle. Below the title, there is a link to a video. The worksheet contains three colored boxes (purple, pink, and orange) for writing answers to the questions.



Suggested Uses

- Assign in Google Classroom or SeeSaw
- Whole Class Activity
- Small groups or center
- Early Finisher
- Incentive or Fun Friday

Google Slides and SeeSaw



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