



South Carolina

Full STEAM Ahead: Connecting Library of Congress Primary Sources and Graphic Novels

Lesson Plan Template

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Grade Level(s): 5th

Subject: Social Studies and ELA (extensions - Math, Science)

Length of Class: 2-50 minute periods



Image Citation: NASA. (1984). <i>Wide angle view of the Flight control room of Mission control center</i> [Digital]. https://images.nasa.gov/details-41g-9011	
Lesson Title:	Space Race Perspectives
Overview:	Students will use primary and secondary sources to research events and perspectives related to the Space Race, creating a video news report to demonstrate understanding.
Learning Objective:	<ul style="list-style-type: none"> ● Students will research events related to the Space Race, using both primary and secondary sources. ● Students will create a news report that reflects an understanding of perspectives during the Space Race.
Standards:	<ul style="list-style-type: none"> ● Social Studies- <ul style="list-style-type: none"> ○ 5.4.E Analyze multiple perspectives on the economic, political, and social effects of the Cold War, Space Race, and Civil Rights Movement using primary and secondary sources. ● ELA- <ul style="list-style-type: none"> ○ RI7.1 Compare and contrast how events, topics, concepts, and ideas are depicted in primary and secondary sources. ● AASL- <ul style="list-style-type: none"> ○ A.I Learners display curiosity and initiative by: <ul style="list-style-type: none"> ■ 1. Formulating questions about a personal interest or a curricular topic. ■ 2. Recalling prior and background knowledge as context for new meaning. ○ B. III Learners participate in personal, social, and intellectual networks by: <ul style="list-style-type: none"> ■ 1. Using a variety of communication tools and resources.
Essential Question:	<ul style="list-style-type: none"> ● How do primary and secondary sources help us learn about multiple perspectives of the Space Race?
Supporting Question(s):	<ul style="list-style-type: none"> ● What was the Space Race? ● What were some perspectives that might have existed at the time? ● What factors influenced the various perspectives?

Digital Primary and Secondary Sources:	List primary and secondary sources and include links. Primary Source Video Primary Source Image or Image Counting on Katherine Read Aloud Articles - Article 1 Article 2
Required Classroom Materials:	Teacher- Computer Projector SmartBoard Students- Chromebooks Primary Source Analysis Tool Library Secondary Sources Simple Four Research Template Social Studies Interactive Notebook/Pencil Discus Articles - Article 1 Article 2 WeVideo application
Classroom Environment:	Students will be seated in groups to promote collaboration.
Differentiation and Adaptations:	Analysis Tool- Organizer Guiding Questions Group Work- Roles

Lesson Sequence/Procedures	
Estimated Time Needed	Detailed Description of Teaching and Learning
10 min.	(Classroom) Begin with video of “One small step for man...” Discuss prior knowledge.
20 min.	(Classroom) Read Aloud- Counting on Katherine by Helaine Becker Discussion- What were some of the different perspectives that existed at this time in history? How might we learn more about each of them?

20 min.	(Classroom) TW display Image or Image . SW use Primary Source Analysis Tool from the Library of Congress to analyze and generate a guiding question for their research.
50 min.	(Library) SW research information based on their guiding question using the Simple Four research model. SW will work in groups to create a video news report, using WeVideo, on an event/perspective from the space race.

Assessments:	<p>Informal Assessment- Class Discussion Primary Source Analysis Tool/Organizer Simple-Four Research Template</p> <p>Formal Assessment- WeVideo News Report</p> <p>Student news reports will be scored using a rubric.</p>
Learning Extensions:	<p>Katherine Johnson was a mathematician. She used math to calculate trajectories. How can we use math to plot points on a line?</p> <p>Forces and Motion - When a rocket is launched, it travels in a parabola. Why? What causes this motion? What factors would Katherine Johnson have to consider when making her calculations?</p>