

FLCHE-TPS Fourth Grade

Kennedy Space Center

It's Elementary, My Dear: Primary Sources in the Elementary Classroom

<p>Enduring Understandings: The United States space program had an effect on Florida's growth and economy. Kennedy Space Center is part of the United States space program.</p>	
<p>Essential Questions: What effect did the space program have on Florida's economy and growth?</p>	
<p>Vocabulary/Targeted Skills: economy, growth, space program</p>	
<p>Unit Assessment/Culminating Unit Activity: Have students create a poster or brochure advertising what the Kennedy Space Center had to offer to Florida's growth and economy. Give the students specific criteria, such as: must include 5 examples, must be neat and organized, must include one primary source, and must be grammatically correct, etc.</p>	
<p>Lesson title: Kennedy Space Center</p>	<p>Time: 60-90 minutes (could be over a few days)</p>
<p>Standard(s): <u>Florida Social Studies Standards</u> SS.4.A.1.1 Analyze primary and secondary resources to identify significant individuals and events throughout Florida history. SS.4.A.8.3 Describe the effect of the United States space program on Florida's economy and growth. SS.4.A.1.2 Synthesize information related to Florida history through print and electronic media.</p> <p><u>Language Arts Florida Standards</u> LAFS.4.RI.3.7 Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears. LAFS.4.SL.1.1: Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly. LAFS.4.W.2.4 Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience. LAFS.4.RL.3.9 Compare and contrast the treatment of similar themes and patterns of events in stories, myths, and traditional literature from different cultures. <i>(This lesson offers students practice of compare and contrast skills.)</i> LAFS.4.RI.1.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text. <i>(This lesson offers students practice of inferencing skills.)</i></p>	

Content Purpose:

(I will) Use primary sources (so I can) to identify the effects the United States space program had on Florida.

Reading Materials/Primary Source links:

- <https://www.youtube.com/watch?v=G6iRy-AISZs> (optional)
- <https://www.floridamemory.com/items/show/125193> Looking north from the casino - Canova Beach, Brevard County, Florida. (1929)
- <https://www.loc.gov/resource/hhh.fl0302.photos/?sp=1> Kennedy Space Center, Titusville, Brevard County (approximately 1968)
- http://www.americaslibrary.gov/es/fl/es_fl_space_1.html Thrust into space: How the Space Program Changed Brevard County A Local Legacy
- <https://www.floridamemory.com/onlineclassroom/nasa/photos/> NASA and the Space Program Change Florida

Suggested Procedures:

1. Share the essential question: What effect did the space program have on Florida's economy and growth? Have the students discuss what the word economy means. Then share this video or something similar to help them define the word economy:
<https://www.youtube.com/watch?v=G6iRy-AISZs>
2. Have the students analyze both photos using the "See, Think, Wonder" strategy (see attached), starting with *Looking north from the casino - Canova Beach, Brevard County, Florida* <https://www.floridamemory.com/items/show/125193> and then *Kennedy Space Center, Titusville, Brevard County* <https://www.loc.gov/resource/hhh.fl0302.photos/?sp=1>. Explain to students that for the "see" portion, they must only write down things they can see with their eyes. If they "think" they know what is happening, they must wait until they get to the "think" section. (For example, if they saw soldiers, rifles, and puffs of smoke, that's the words they would write for the "see" section. They cannot write battle until the "think" section, because they are using clues and prior knowledge that lead them to think it is a battle.) Offer them guiding stems for the wonder section: *After looking at this photo, what do you wonder? What would you ask someone in the photo if you could? What would you ask the photographer?*
3. Have the students compare and contrast the two photos using a Venn Diagram or other like organizer.
4. Use Google Maps to show the location of Kennedy Space Center and guide a discussion on how or why this geographic location was selected to build the Space Center.
5. Read and discuss the following web page with the students: *Thrust into space: How the Space Program Changed Brevard County A Local Legacy*
http://www.americaslibrary.gov/es/fl/es_fl_space_1.html.

6. Read and discuss (could print for students to close read) more information from this web page, specifically the first few paragraphs referring to the Canova Beach photo: <https://www.floridamemory.com/onlineclassroom/nasa/photos/>.
7. Guide a discussion (teams or partners) on what the contents of the second photo offered to Florida's economy. Some guiding questions could be: *How did building this center bring money into Florida?* (Provided jobs and the people building it had to make many purchases to build it.) *How did this center help people who lived in Florida?* (Gave people jobs to build the center and jobs to create the supplies needed to build with, etc.)
8. Have students create a poster or brochure advertising what the Kennedy Space Center had to offer to Florida's growth and economy. Give the students specific criteria, such as: must include 5 examples, must be neat and organized, must include one primary source, and must be grammatically correct, etc.

Extensions:

- Conduct further research on the Kennedy Space Center: <https://www.kennedyspacecenter.com/>
- Create a timeline of events that have taken place over the years at Kennedy Space Center, using primary sources to build the timeline.

See, Think, Wonder

Looking north from the casino - Canova Beach, Brevard County, Florida. (1929)		
See (What do you see?)	Think (What do you think about this photo?)	Wonder (What do you wonder about this photo?)

Kennedy Space Center, Titusville, Brevard County (approximately 1968)		
See (What do you see?)	Think (What do you think about this photo?)	Wonder (What do you wonder about this photo?)

