



Ted Alejandro, County Superintendent

San Bernardino County

Superintendent of Schools

Transforming lives through education



RIVERSIDE COUNTY OFFICE OF EDUCATION

JUDY D. WHITE, Ed.D. County Superintendent of Schools

Thursday, April 30

1:30pm

**California's Gold, "Lunar Landing" -
4th – 8th grade**

Huell travels to Edwards, California to visit Dryden Flight Research Center which is NASA's primary center for atmospheric flight research and operations. Before man could walk on the moon, they had to land safely, and the Lunar Lander needed a lot of fine-tuning. Huell meets up with some of the men who spent many hours working on and flying that amazing craft in preparation for the first moon landing.

After watching this episode, choose from the following questions and/or tasks to extend your learning

Question Box 1

- What is the Dryden Flight Center?
- What is NASA?
- What are some of the fine-tunings that happened in order for the Lunar Lander to be successful?
- What evidence does the writer give to support his or her main idea? Provide text evidence.
- Using evidence from the text, explain why *California's Gold, "Lunar Landing"* is a good title for this episode.
- Identify specific details in the text that focus on what you believe is the author's purpose.

Question Box 2

- What is your opinion about this episode? Why do you feel this way?
- What were some of my most powerful learning moments in this program and what made them so?
- How much did you know about the subject before we started? Explain.
- How do you feel about this episode? What parts of it do you particularly like?

Box 3 (Tasks)

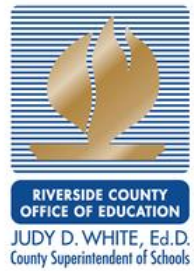
- Draw a picture of the rover and list its parts.
- Discuss and create a diagram of the "fine tuning" of the Lander and what was improved from the prototype lander and the finished product.

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Box 4 (Enrichment)

- Research the Lunar Lander and make a timeline of its development
- List and discuss some of the parts of the lander that allowed it to be able to land on the moon.
- See if you can land the Lunar Lander using this simulator and the arrows on your keyboard- <http://moonlander.seb.ly/>

Box 5 (Extend/Real-Life)

- Research and list the jobs of different types of people who worked on the Lander.
- Edwards Air Force base is the home to many special projects besides the Lander. Research and then describe another project that was carried out at Edwards AFB.
- What would it be like to be an astronaut? What do you need to do to be an astronaut? Find out more at this site:
https://www.nasa.gov/audience/forstudents/postsecondary/features/F_Astronaut_Requirements.html
- What do you need to do in order to pursue another career in space? Find out here:
<https://www.bls.gov/careeroutlook/2016/article/careers-in-space.htm>