

“Once Upon a Time” (Sa Hi Pa Ca)

Resource Summary:

Using the video clip “Once Upon a Time,” students will study general Chumash culture, paying close attention to how the groups utilized the natural resources around them. Expanding into online information, students will research specific tools and technology mentioned and shown in the video clip and how they were made using the resources available to them. Students will also explain how resources collected changed over time as different Chumash technologies advanced.

Subject Areas: Science

Grade Level Range: 9th-12th

Standards:

Common Core English Language Arts – Science

WHST.9-10.8. Gather relevant information from multiple authoritative print and digital sources (primary and secondary), using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.

WHST.10-11.8. Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strength and limitations of each resource in terms of the specific task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following standard format for citation.

Next Generation Science Standards

HS-LS2-8. Evaluate evidence for the role of group behavior on individual and species’ chances to survive and reproduce.

Resource Provided By: Cody Foster, Biology/Marine Biology/Earth Science, Buena High School, Ventura Unified School District

Resource Details:

1. Students watch the “Once Upon a Time” video clip from *West of the West*.
2. While watching the clip, have students take note of the natural resources that the Chumash used in their everyday lives for food, tools, etc.
3. Using the Internet as an additional resource, have students research the composition and use of several different tools that were mentioned or shown in the video clip.
4. From the list, students make a claim as to which tool was the most significant tool and how the environment made that tool possible. Students provide evidence

from the video clip and their research.

- Using another website, students determine what food was gathered and how it was gathered over several time periods in Chumash culture. Students then make a claim based on evidence on how their food gathering methods improved with better resources and technology.
- To wrap up the activity, students make a claim for how Chumash group behavior (making tools, gathering food/resources) allowed them to better survive, reproduce, and expand their populations.

Once Upon a Time—Chumash and Their Environment

- Watch the video clip “Once Upon a Time”.
- While the video is playing, write a list of natural resources the Chumash people utilized in their daily lives.

1. Chumash Natural Resources

- Go to the following website:
<http://www.sbnature.org/research/anthro/chumash/intro.htm>
- Fill out the following table from the information on the website.

Tool/Invention	Composition	What is it used for?
<i>Tomol</i>		
Baskets		
Beads/jewelry		
House		
Money/currency		
Clothing		

- What tool or invention was the most significant for the Chumash? Why was this so important to be successful in their environment? Provide specific evidence from the website.

4. Go to the website: <http://www.sbnature.org/research/anthro/chumash/timel.htm>.
Fill out the following table from the information on the website.

Period	Food collected	Methods for collecting food
Paleoindian		
Initial Early		
Altithermal		
Terminal Early		
Middle		
Late		

5. After completing the table above, describe how food collecting methods improved over time. Be sure to describe how technology enabled these changes in collecting methods.

6. Now let's look at the role of group behavior in the Chumash tribes. Use the two previous web resources to explain how working in groups allowed the Chumash people to be so successful for thousands of years.

Additional Resources: (Separate page, include links to websites that will be useful)

- <https://www.sbnature.org/research/anthro/chumash/timel.htm>
- https://anthropology.si.edu/archaeobio/images/rick_et_al_old_shell_jas.pdf
- <http://www.marinebio.net/marinescience/06future/abhist.htm>
- <http://www.santaynezchumash.org/history.html>
- <http://www.sbnature.org/research/anthro/chumash/intro.htm>