

Community Resource & Cultural Awareness:

- Students survey their community to see if anyone has firsthand accounts of working with their chosen project, or examine the impact of a project in their area.
- Read about a large construction project in their community.

Community Service:

- Students survey their community to see if anyone has firsthand accounts of working with their chosen project, or examine the impact of a project in their area. Students present their project to the community.

Arts Activities:

- Students develop a digital poster promoting their fictitious documentary using Adobe Photoshop and a layout program such as Adobe InDesign, or Microsoft Publisher.

Career Development:

- Students examine the requirements of the proposed Alaska Gas Pipeline, and investigate the types of jobs that will be offered should this project become a reality.

Mathematics:

- Students create a cost comparison chart between the Copper River and the Northwestern Railway, the Alaska Pipeline, the Alaska Railway, and the Alaska Highway.

Compare with a project today.

Reading Activities:

- Students will read, highlight, and integrate important source information into their trailer scripts using a variety of online sources linked in the lesson plans.

Writing Activities:

- Students will write a script and complete a storyboard for their documentary trailer or podcast. (See Storyboard Worksheet)

Science Activities:

- Students will examine the principles behind bridge construction of the Copper Railway and The Alaska Railway.

Technology:

- Students view the 15-minute documentary on the Copper Railway, and create a movie trailer or podcast promoting a fictitious documentary about the Alaska Highway, Alaska Pipeline, Alaska Railroad or Project Chariot.

Social Sciences:

- Students investigate the development of a major construction project in Alaska History and determine this project's legacy on the state using a variety of online resources.

