

Steps to Create a VR Headset

Follow the steps below to create the prototype of your VR Headset.

Step 1: Identifying Perspectives from Sources

- Look through the handouts of sources and decide what sources you will use as your inspiration for your images. You will need to select a minimum of 3 sources, each with a different perspective on the building of the railroad.
- Then, make some notes about the perspective of each of your three sources.

Source 1: _____
Notes:

Source 2: _____
Notes:

Source 3: _____
Notes:

Step 2: Creating Images

- Create at least 3 images that the user will see when they click through the buttons on the VR headset. You can draw your own images or cut out images from the handouts. You can even create your own image by combining parts of the source images and your own drawings.
- Then, write a few sentences about each image. This description will be narrated out loud to the users as they see the image.

Image 1:



Image Description:

Image 2:



Image Description:

Image 3:



Image Description:

Step 3: Designing a Prototype of the Headset

Build a prototype to show what the VR headset will look like.

- Requirements:
 - Has a strap that will hold the headset on someone's head, like goggles.
 - Has 3 buttons on the side that someone can click to change images.
 - Is smaller than the size of a shoebox.
 - Has a logo on the side that has the name of the VR headset (which you will come up with).

Sketch your plan below:



Step 4: Gather your materials and build your prototype!

Sources to Use



This image shows a Lakota settlement in Pine Ridge, South Dakota in 1891. The tipi tents of the Lakota can be seen in the background. Their horses are drinking water near the camp. Tipi tents were used by the Lakota because they could be packed up and moved easily. The Lakota people travelled together and followed herds of buffalo. The Lakota people relied on the buffalo as their source of food, but they also used other parts of the animals to make their tipi tents, clothing, and tools.

A Start in Life.

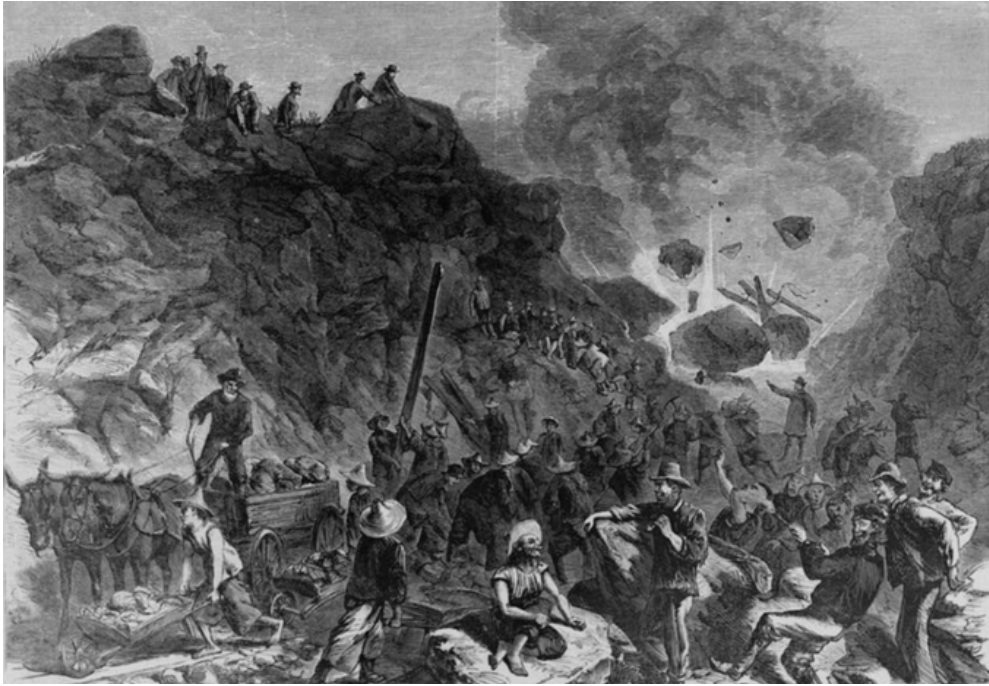
I HAVE entitled this little book "A Start in Life," because it conveys information which would enable any person possessing a small capital, with some industry, patience, and steady habits, to make a start in life which, humanly speaking, could not fail of success.

The old countries of Europe contain a superabundant population; every branch of professional and commercial life is so overcrowded, that there exists a competition so keen, as to reduce the incomes of the largest, and, in many cases, to prevent the smallest workers, in whatever sphere, from getting a remunerative return for the activities of brain, muscle, and money.

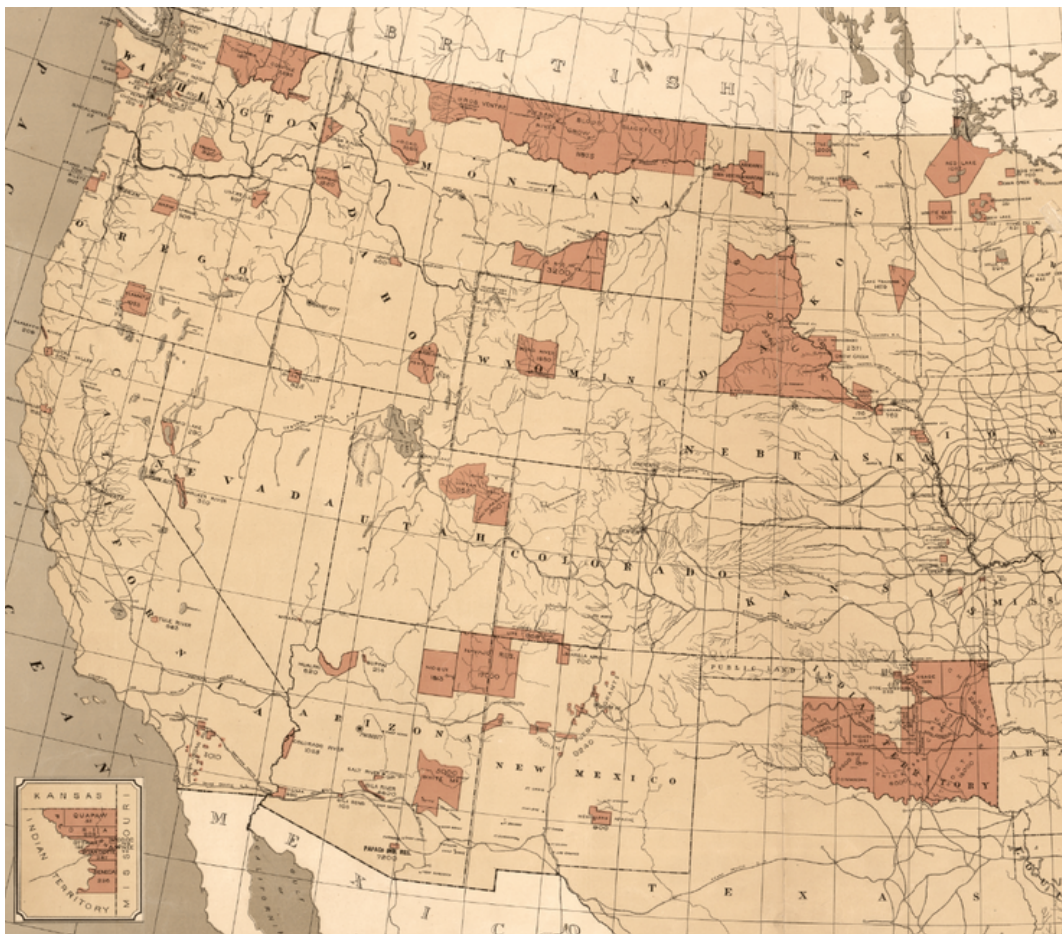
To inform the public, therefore, how a young man may make a first start in life, or an older man a fresh start in life, is offering an advantage which, I doubt not, will be appreciated by many who read these pages.

This is the introduction to a book written by Charles Finch Dowsett, a British immigrant who travelled across the United States in 1890 to get to California. His book is titled, "A Start in Life, A Journey Across America." He wrote that any young man who has a small amount of money and patience could succeed in the United States, specifically the western states.

Sources to Use



This is a drawing depicting railroad workers removing large rocks in order to clear a path for the railroad to be built. Railroad workers used explosives, as seen in the back of the drawing, in order to break up natural rock formations. This was a very dangerous way of clearing the land for the railroad. This drawing was published in 1869, as the Transcontinental Railroad was being completed.



This is a map showing the western territories of the United States in 1883. The dark orange parts of the map are Native American reservations. By 1883, the U.S. government had forced Native Americans into small areas of land called reservations.

Sources to Use



This picture was taken on May 10, 1869 by Andrew J. Russell. It shows the engineers of the eastern and western railroad companies shaking hands and celebrating the completion of the Transcontinental Railroad. The railroad engineers can be seen holding champagne in celebration of their achievement.



This is an advertisement for land that is ready to be sold in the new western territories of the United States. This advertisement was printed in 1872, after the completion of the Transcontinental Railroad.

Sources to Use



This painting is titled 'American Progress' and was painted by John Gast in 1872. The woman in white is a symbol for America. She is leading the way for American settlers to head out west. The artist included trains and ships in the background as well as Native Americans and bison.



The exact date this photograph was taken is unknown, but it is estimated to be from sometime after 1877. This photograph shows the home of a family in Nicodemus, Kansas. This town in Kansas was founded by African-Americans who were previously enslaved in Tennessee and Kentucky.

VR Headset Example

