

# Topo Map Model

## **Learning Targets:**

Content Area: I can build a scale replica of a mountain from a topographic map.

HOW's: I can use feedback and the drafting process to produce high-quality work.

HOW's: I can turn in work that is complete and on time.

**Overview:** You will use the Donner Map to cut out each layer of topography to reconstruct the landscape out of cardboard.

## **Process:**

1. Locate the highest and lowest contour lines on your Donner Map.
2. Highlight, in yellow, the lowest contour line (Stuff flows downhill)
3. Cut out a base of cardboard for your model the same size as your map (where the contour lines are, not including the scale and border)
4. Cut out the lowest point of your map and set it aside.
5. Trace the REMAINING part of the map on cardboard and cut it out. (This should look like a rectangle with a part cut out. )
6. Highlight the next thick contour line that represents 200 feet above the last one.
7. Cut it out and place the small part aside.
8. Trace it on your cardboard and cut it out. (This should look like a rectangle with a larger portion cut out.)
9. Continue doing this for each of the thick lines until you have built your model of Donner Lake and Donner Summit