Name: _____ Class period: _____ Date: _____

Raiderville

Objective: Construct a 3-dimensional map to demonstrate the different elevations shown on a 2-dimentional map. Completed map is due by end of class Wednesday, October, 14, 2020.

Materials:

Colored construction paper	White bottle glue
Cardboard spacers	Scissors
White cardstock	½ piece 3x5 index card

Procedure:

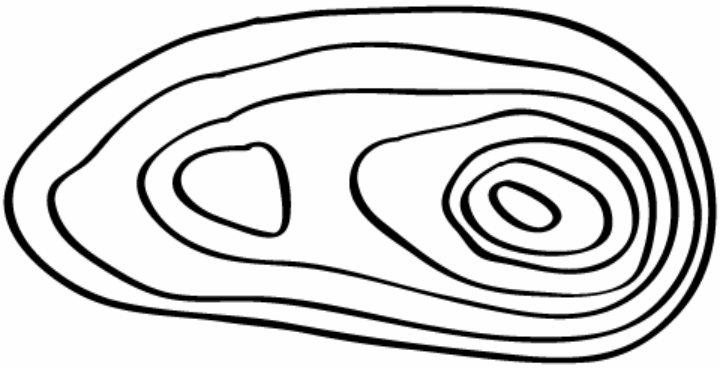
1. Place the landform on any color construction paper, except white.
2. Trim along the contour line representing the lowest elevation. Label the construction paper with "A" and mark the North, South, East, and West edges.
3. Set this first layer of the model aside.
4. Take the remaining part of the landform, and place it on another piece of a different color of construction paper. Label the construction paper with "B" and mark the North edge.
5. Repeat this procedure for the other parts of the paper landform. Be sure to label each layer with its correct letter.
6. Glue several cardboard spacers around to the bottom of layer "B".
7. Glue layer "B" onto the top of layer "A". Be sure "N" on layer "B" is facing the north end of layer "A". The "N" doesn't have to line up exactly but should be toward the top of the page.
8. Repeat steps 6 and 7 with the rest of the layers until all layers are completed.

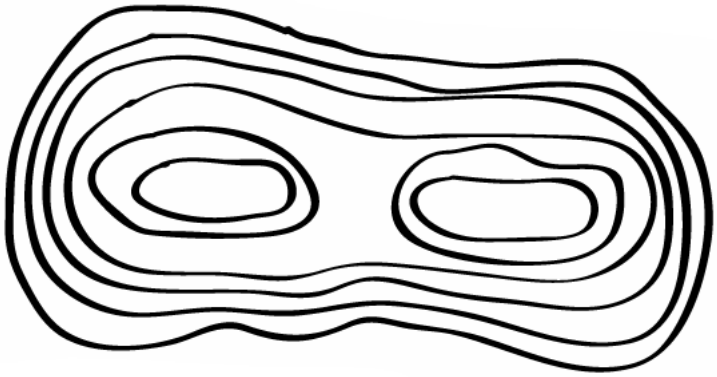
Requirements:

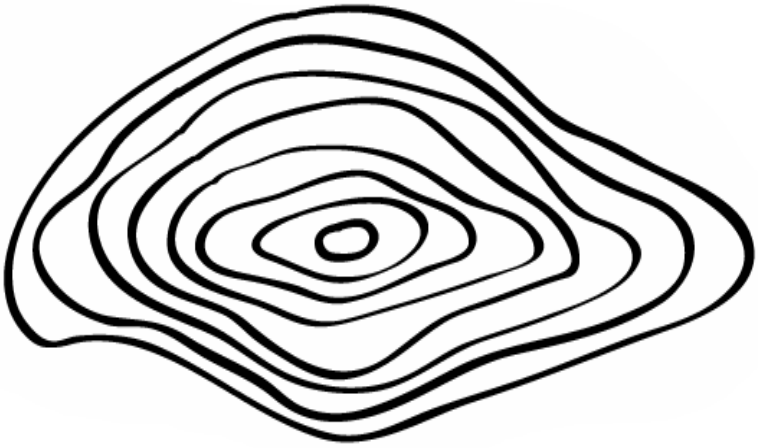
- Map letter, name, and class period in the lower right hand corner on half of a 3x5 index card
- Each elevation is labeled on the map. A=sea level; contour interval is 50 feet.
- Structure will be glued to the white cardstock.
- Create three questions regarding your map.

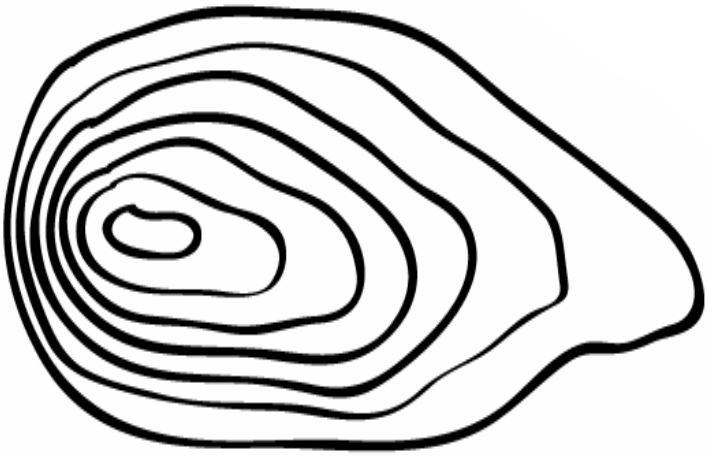
Rubric:	3 pts	2 pts	1 pt	0 pts
Map identification	Map letter, name, class period on index card in lower right corner	1 element is missing or in wrong location	2 elements are missing or in wrong location	All elements are missing or in wrong location
Elevations	All elevations labeled	Most elevations labeled	Some elevations labeled	No elevations labeled
3 questions	3 questions with answers on map	2 questions with answers on map	1 question with answer on map	No questions or answers on map
Stability	Structure is stable	Structure is somewhat stable	Structure is barley stable	Structure is not stable at all
Completion	Structure is completed on time	Structure is somewhat completed on time	Structure is barley completed on time	Structure is not completed
Neatness	Map is very neat and very easy to read	Map is somewhat neat and easy to read	Map could be more organized.	Map is sloppy and looks hastily done
Color	Lots of color is used on the map.	Some color is used.	A little color is used.	No color used.
Grammar and Spelling	All grade level and academic words are spelled correctly.	All grade level and academic words are spelled correctly.	Most grade level and academic words are spelled correctly.	Many grade level and academic words are misspelled.
Grade = _____	Points: _____	Points: _____	Points: _____	Points: _____

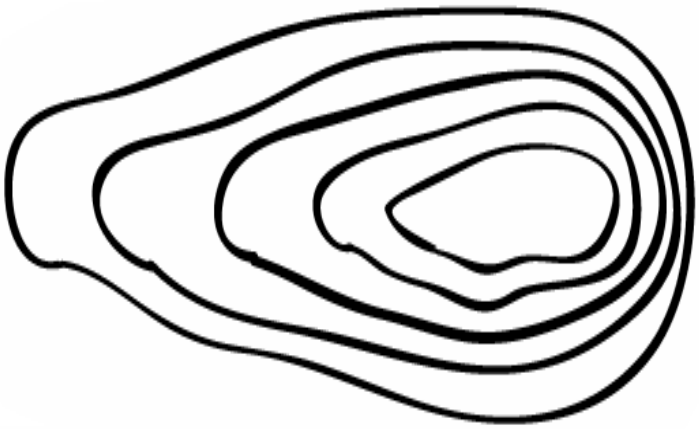
These are the 6 maps we used. I printed one set and wrote “A”, “B”, “C”, “D”, “E”, and “F” on each page. I then made enough copies for each student to have one. They were randomly handed out as students entered the classroom. I put them all on one page, but you will want to set your page to landscape so you can enlarge the pictures. Hope you enjoy and have fun.

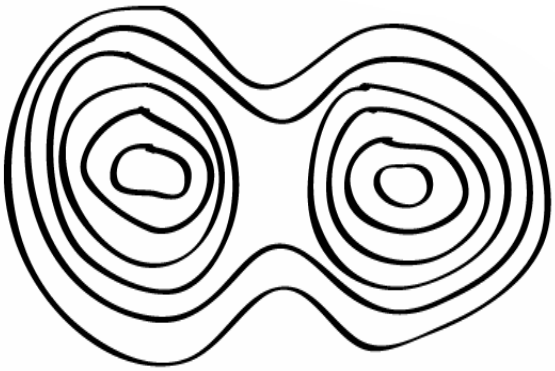












These are pictures of an example I put together for the students. Use bottle glue not stick glue throughout the project. We glued elevation “A” (sea level) to cardstock for stability. Yes I provided all the supplies (using the $5 Science lab fee per student we collect at the beginning of the year): white cardstock, construction paper, bottle glue, index cards, and cardboard for spacers. I cut up paper boxes into approximately 3” x 3” squares for each kid to have for spacers. They can use more or less depending on how stable they want their project to be. If you have any questions, you are more than welcome to email me at wellsa@westruskisd.org. Enjoy!!!