

# Topographic Map Project

You have purchased an island in the Pacific Ocean. Your job is to construct a topographic map of this location. Make your map (island) slightly smaller than one piece of computer paper (8 ½ x 11 inches).

This island must have a **name**. If you would like, you can make it a themed island, living community, theme park or whatever you choose. You may not use the name of a real life island

The map **MUST** contain a **legend** (key) with a **compass** and a **labeled contour interval** (REMEMBER: USGS topographic maps have specific colors – Use USGS legend as a guide)

Your map **MUST** **also** include the following (at **minimum**):

1. Your Name, Date and Period
2. Map must be colorful, organized, and presentable
3. The Name of the Island
4. Legend or Key for the Map
5. Contour lines properly labeled and the proper color (brown)
6. Cardinal Direction Compass
7. All contour lines are CLOSED (remember – this is an ISLAND no lines should stop at a dead end)
8. No lines should intersect
9. A pre-determined contour interval
10. A mountain (should have drainage)
11. A volcano (should have depression – use hachure marks)
12. A river (your lines should follow the rule of V's)
13. A body of water (lake or pond)
14. A valley
15. Woodlands
16. A railroad
17. Buildings of any kind, your choice (small, medium, or large)
18. A minimum of one major highway
19. Add a few secondary roads for transportation
20. Display/note method of transport to and from your island (ie. Plane, boat)

Each item is worth **2 points each** for a total of **40 points total**.

**Hint:** Start with a pencil sketch and decide generally where you want to put everything – and remember from our observations of topographic maps, that it works best when the man-made features are built to harmonize with the topography. Review contour line “rules”

**Due Date: Friday, January 23<sup>rd</sup>, 2015**