

Fantasy Island - 3D & 2D

3D Map Materials

- Paper
 - Scissors
 - Glue
 - Markers & Colored Pencils
 - Ruler
1. Cut Paper into a Random Shape
 2. Crinkle Paper into ball
 3. Open Ball and Glue to Fresh Piece of Paper. Every edge must be glued down, it's an island.
 4. Add "Key" include Water
 5. Choose an *absolute location* (longitude & latitude) for your island on the Earth. Label the *absolute location* on the map.
 6. Find the island's absolute location on the map and draw the "*Wind Direction*" on the bottom page.
 7. All land immediately behind the mountains is a *rain shadow*, color it yellow or brown.
 8. Rain begins to fall on your island. Draw the *rivers* and *tributaries* that flow down to the sea.
 9. Color *Elevations* (how high :
 - a. 1/3" low= Green
 - b. 1/3"-1.5" New Color
 - c. 1.5"-Top A Third Color
 10. *Settlements*: draw at least 4 human cities or towns on your island.
 11. *Movement* connect these settlements by rail, road, boat, airplane, or another mode of transportation.
 12. *Key*: make sure that your "key" has all colors used on the map labeled.

Two 2D Map Materials

- Paper
 - Markers & Colored Pencils
 - Ruler
1. Fold paper in half. You will be creating a topographic & political map of your island.
 2. Make measurements across the bottom of your page.
 3. On the left side draw a *scaled* down version 2" (3D) : 1' (2D) of your island. Title this map *Topographic Map of _____*.
 4. Draw the *bodies of water* (*rivers, bays, lakes, fjords, streams, etc.*) that appear on the 3D map on the *Topographic Map* (to *scale*).
 5. Draw and label the *elevations* from the 3D map onto the 2D map.
 6. Draw and label human settlements, *infrastructure* (*roads, train lines, runways, et.*) that appear on the 3D Map onto the 2D map.
 7. On the right side draw a *scaled* down version 2" (3D) : 1' (2D) of your island. Title this map *Political Map of _____*.
 8. Draw and label human settlements, *infrastructure* (*roads, train lines, runways, et.*) that appear on the 3D Map onto the 2D map.
 9. Draw and shade at least 3 different *states* or *territories* on your island.
 10. Create a key for both maps and make sure that all colors used have been included and labeled. Additionally include and label the scale 2":1"

Category	4- Exceedingly Well Done	3- Meets All Goals & Requirements	2- Nearly Completed Assignment	1- Revisions Needed then Resubmit
3D Model	In addition to all the elements for a “3” the maker has added additional geologic features of interest (such as fjords, mesas, or <i>other regionally specific features</i>).	Island is glued down, multiple elevations are colored, multiple rivers are clearly labeled <i>and run downhill</i> , includes a detailed key, rain shadow, urban areas, wind direction, absolute location, transportation routes, and other geographically important features.	Most of the Island is glued down, colored elevations, rivers, includes a key, rain shadow, transportation routes, urban areas, absolute location, and wind direction.	Island may not be completely glued down, colored elevations are inaccurate or incomplete, rivers do not always run downhill in a natural direction, may not include some or all of the following a key, rain shadow, urban areas, transportation routes, absolute location, and/or wind direction.
2D Maps	Maps are exceedingly accurate representation of the 3D Model. Both the political and topographical maps accurately convey all necessary information.	The maps, scale, and keys are accurate. All of the required elements (such as elevations, rivers, urban centers, states, transportation centers, etc.) have been included.	The maps, scale, and keys are mostly accurate. Nearly all of the required elements (such as elevations, rivers, urban centers, states, transportation centers, etc.) have been included.	The maps, scale, and keys are mostly not accurate or are incomplete. Some of the required elements (such as elevations, rivers, urban centers, states, transportation centers, etc.) have been included but others are absent.
Appearance	Maps have a neat and tidy appearance, all edges are glued down, coloring is thorough and solid, all text is clear and legible.	Maps are neat, edges are glued down, solid colored areas, text is clear legible.	Maps are mostly neat, edges are glued down, solid colored areas, text is legible.	Maps are not neat, edges are not completely glued down, areas are poorly colored, text is not always legible.