

Mystery Island Physical Features Project



Imagine you discovered a new island no one ever explored before. It does not exist on any map! You can name this island whatever you want and make its first official map or model.

Project:

Design an island. It can be any shape you like.

Make a map of your island on a poster

Your island must have a name.

Create a compass rose

SHOW at least 5 physical features that are on your island. You can show more.

Each physical feature must be labeled.

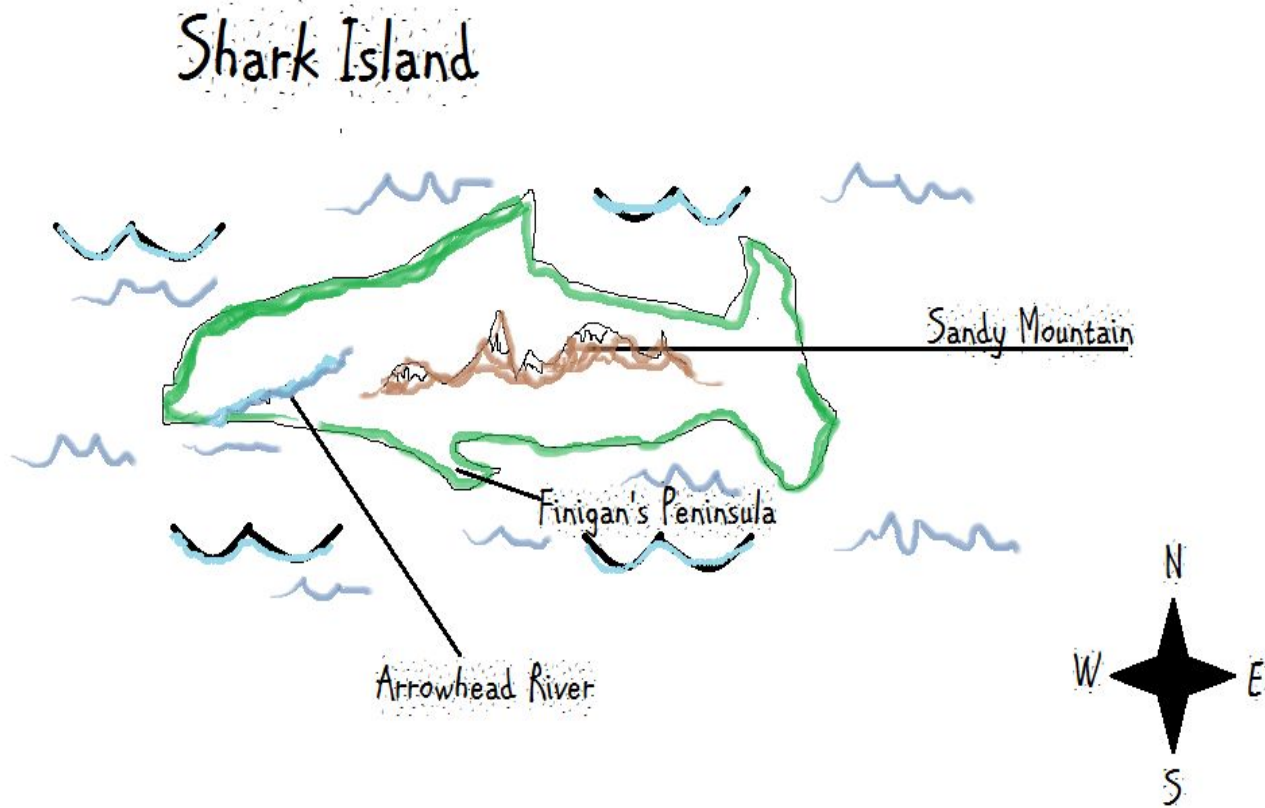
Each physical feature must have a name.

Have fun and be creative!

Choose from the following landforms you studied to show on your island or look up other* landforms to add to your island:

			Lake	
Mountain		Ocean	Delta	Valley
Plain	Island	Peninsula	River	Plateau
Desert	Waterfall	Isthmus	Volcano	Bay

✓	Landforms Project Checklist
	Used shoebox/paper plate/poster
	Made the island into a shape I wanted
	Named my island
	Wrote name of island as title
	Showed 5 landforms _____
	Named ALL landforms
	Compass rose included
	Modeled/Showed each landform correctly
	Project is creative and colorful

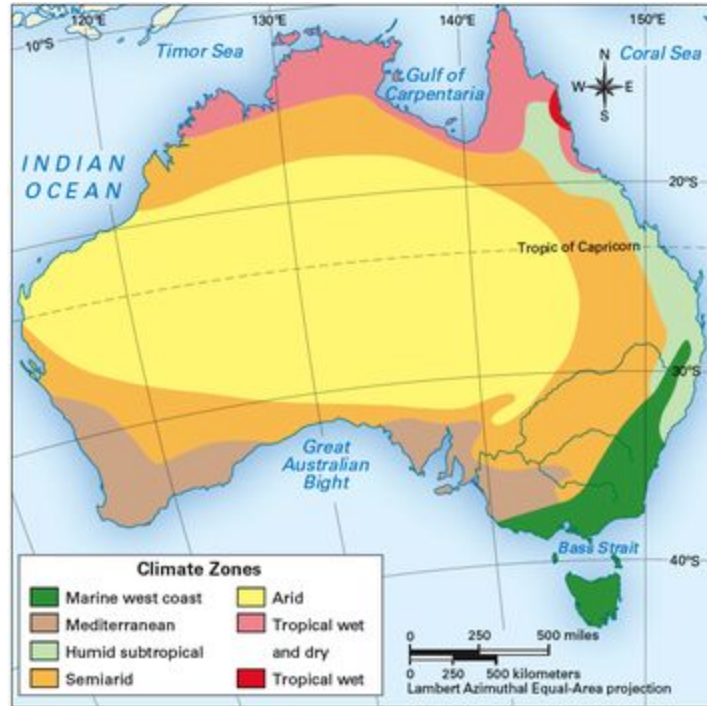


Climate Maps

Make a copy of the outline of your map on paper. Start thinking about what climate your area will have based on your physical features and vegetation types. You need to create a Climate map with at least three types of climate. Use a key to show what each color means.

Climate Types:

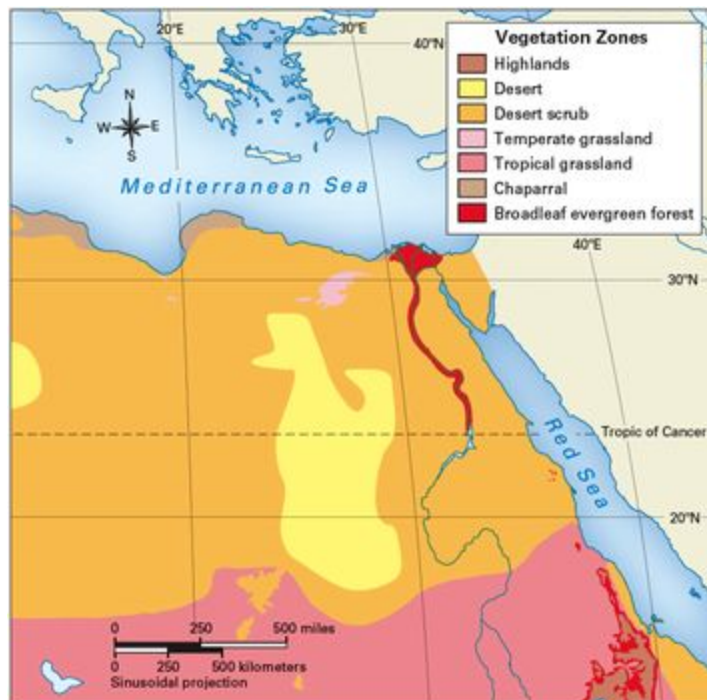
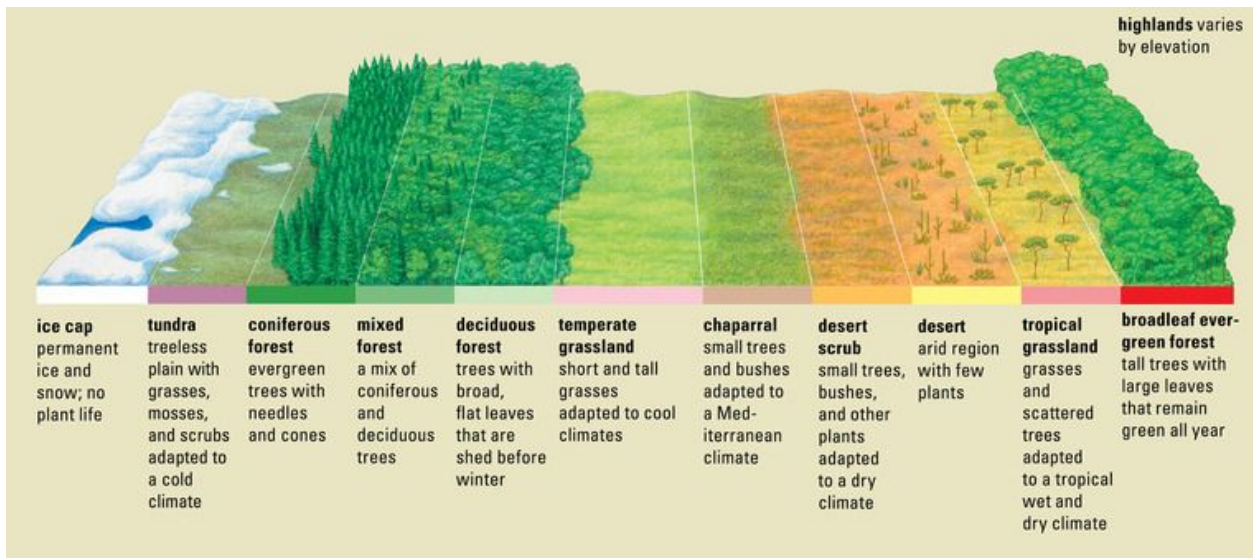
Tundra (ET)	Always cold & dry with short cold summers
Icecap (EF)	Freezing temperatures all year
Highland (H)	Temperatures vary widely with latitude, elevation and direction of exposed areas
Desert (BW)	Less than 10 inches of rain per year with hot days. Large temperature fluctuations between day and night.
Semiarid (BS)	Slightly more than ten inches per year
Tropical wet	Hot & rainy throughout the year
Tropical wet & dry	Hot with wet & dry seasons
Humid subtropical	Hot humid summers and mild winters
Marine west coast	Mild and rainy all year
Mediterranean	Hot & dry summers and mild winters
Humid continental	warm summers and cold snowy winters
Subarctic	Short summers and long snowy winters




✓	Project Checklist
	Key on map
	Use colors on map
	Maps are neat
	Map has a title
	Used 3 Climate Types
	Choices make sense

Vegetation Map

Make a copy of the outline of your map on paper. Start thinking about what vegetation your area will have based on your physical features you had. You need to create a vegetation map with at least three types of vegetation. Use a key to show what each color of vegetation means.



	Project Checklist
	Key on map
	Use colors on each map
	Maps are neat
	Map has a title
	Used 3 vegetation types
	Choices make sense

Population Density

Make a copy of the outline of your map on paper. Start thinking about what vegetation your area will have based on your physical features you had. You need to create a vegetation map with at least three types of vegetation. Use a key to show what each color of vegetation means.

Population Density from High to Low

Population density is a measure of crowding. Some countries are very densely populated. Others are not. These photographs show places with different population densities.



More Than 250 People per Square Mile

Dhaka, Bangladesh, is one of the most crowded places on Earth. On average, many more than 250 people live in a square mile of this busy city.



125 to 250 People per Square Mile

Austria is a fairly crowded country. On average, between 125 and 250 people live in every square mile of this mountainous land.



25 to 125 People per Square Mile

This uncrowded New England village has a lot of space for living. On average, between 25 and 125 people live in every square mile of the town.



2 to 25 People per Square Mile

This photograph of Ireland's countryside shows a thinly populated country. Ireland has some big cities. But in most of Ireland, there is an average of 2 to 25 people per square mile.



Fewer Than 2 People per Square Mile

These herders in Mongolia live in an almost empty country. Fewer than 2 people live in every square mile of areas like this one.



✓	Project Checklist
	Key on both maps
	Use colors on each map
	Maps are neat
	Map has a title
	Use 3 Population Density ranges
	Choices make sense