**Thematic Map Project**

For this project, you will be choosing a state and creating six thematic maps: physical features, climate, population density, economic resource, vegetation, and one creative thematic map of your own choosing. Everything ***must*** be created by hand. No copies or photos are allowed!

On white copy paper you need to create the outline / boundaries of your state and include the following

***All*** your maps must include: Student Teacher

 -Four largest cities in the state \_\_\_\_\_\_ \_\_\_\_\_\_

 -Major interstates and roads \_\_\_\_\_\_ \_\_\_\_\_\_

 -Major rivers and bodies of water \_\_\_\_\_\_ \_\_\_\_\_\_

 -Major physical features (mountain ranges, etc.) \_\_\_\_\_\_ \_\_\_\_\_\_

 -Highest point in the state \_\_\_\_\_\_ \_\_\_\_\_\_

 -Labels and boundaries in black ink \_\_\_\_\_\_ \_\_\_\_\_\_

 -Color in the thematic portion \_\_\_\_\_\_ \_\_\_\_\_\_

All maps must also include regular map features:

 -Title \_\_\_\_\_\_ \_\_\_\_\_\_

 -Scale \_\_\_\_\_\_ \_\_\_\_\_\_

 -Legend \_\_\_\_\_\_ \_\_\_\_\_\_

 -Compass \_\_\_\_\_\_ \_\_\_\_\_\_

Maps and features need to be outlines in black pen or marker and themes need to be colored with colored pencils or markers. The maps must be neat and legible. You will also need to do some research in the geography book or online to find the resources and to determine the locations of requirements. The scoring rubric is attached to help guide your creation of the map and successful completion of the project. Be creative and have fun with this project.

**Physical Features**

Read pages 28-29. Include the following components on your map:

1. Define the term **physical features**.
2. Explain what types of things are shown on a physical features map.
3. Draw and label the following types of physical features:
	1. Plateau
	2. Plain
	3. Mountains
	4. Isthmus
	5. Coast
	6. Sea
	7. Peninsula
4. Explain which physical features are found in your state on the back of your map.

**Climate**

Read pages 30-31Include the following components on your map:

1. Define the term **climate**.
2. Define the term **climate zones**.
3. Explain the two major factors that affect climate in a location.
4. Draw and label the following climagraphs:
	1. Arid
	2. Subarctic
	3. Tropical wet and dry
	4. Humid continental
	5. Humid subtropical
	6. Tundra
5. On the back of your map, explain which climate zones your state has, and what they mean.

**Vegetation**

Read pages 32-33. Include the following components on your map:

1. Define the term **vegetation.**
2. Explain what factors affect what plants grow where.
3. Draw and label the following climagraphs:
	1. Coniferous forest
	2. Deciduous forest
	3. Temperate grassland
	4. Desert scrub
	5. Broadleaf evergreen forest
	6. Tundra
4. On the back of your map, explain which vegetation zones your state has, and what they mean.

**Population Density**

Read pages 34-35. Include the following components on your map:

1. Define the term **population density.**
2. Explain how population density is calculated.
3. Explain how population density affects how people live.
4. Draw and label the following population densities:
	1. More than 250 people per square mile
	2. 125 to 250 people per square mile
	3. 25 to 125 people per square mile
	4. 2 to 25 people per square mile
	5. Fewer than 2 people per square mile
5. On the back of your map, explain which population densities your state has, and what they mean.

**Economic Activity**

Read pages 36-37. Include the following components on your map:

1. Define the term **economic activity.**
2. Explain the difference between **land use** and **resources**.
3. Draw and label the following types of land use:
	1. Subsistence farming
	2. Commercial farming
	3. Nomadic herding
	4. Livestock raising
	5. Trade and manufacturing
	6. Hunting and gathering
4. On the back of your map, explain which resources are found in your state and what types of land use there is. What do these mean for the lives of the people who live there?