

Pre-AP World Geography Summer Assignment

This summer assignment is intended to challenge and prepare those students interested in starting a rigorous academic career through the Pre-AP, AP, and Dual Credit programs. We will cover a wide variety of concepts during the year; however, the foundation of the study of geography is maps and cartography. This assignment will introduce you to, and familiarize you with, the foundation of the subject.

Detailed instructions are provided so that you can construct and complete the maps that are required.

Materials Needed:

- 4 copies of the map provided
- Colored map pencils
- Black ink pen or Sharpie with ultra-fine tip

You will need to utilize an atlas or online resources in order to complete these maps. You can find sample maps at <http://chs9staff.conroeisd.net/Teachers/pmoon/>. If you do not have internet access at home, you can find all necessary resources at the public library.

Be mindful not to wait until the last minute to begin this packet. We advise that you spread out the assignments so that you are not overwhelmed at the end of the summer.

This assignment will be checked during the first week of school for a grade and you will be tested over this information which will count as your first major grade for World Geography, so ensure that you do your best.

-9th grade World Geography teachers

Important Terms

Cartography – the study and practice of making maps

Thematic Map – a map that is designed to show a particular theme; examples of thematic maps include population density maps, climate maps and elevation maps.

Population Density – the average number of people that live in a square mile of land

Elevation – the height of the land above sea level

Climate – the average weather of a place over many years

Elements that must be included on each map:

1. Title
2. Orientation (compass rose)
3. Legend (key)

Important things to remember when creating a map:

1. Water must always be colored blue.
2. Land may never be colored blue.
3. Always color the same direction. (Do not be sloppy. Take pride in your work!)
4. Use map pencils, not crayons or markers to color your maps.
5. Do not outline continents or countries.
6. Map labels should all be listed in the same direction. (Do not have some written vertically, some horizontally, and others diagonally.)
7. Use fine tip ink pens or ultra-fine Sharpies to label your map.

In order to prepare for Pre-AP World Geography, you will be creating four maps this summer. Please refer to the handout for the list of elements that you need to include, as well as the list of things to remember when creating each map.

Map #1: Political Map

The first map is a Political Map that will feature continents, oceans and lines of latitude and longitude. Color each continent according to color included in parenthesis. All elements of the map listed below must be properly labeled. Since you will label each of these elements, a legend (key) is not necessary.

The following elements must be included on the map:

Continents	Oceans (Blue)	Latitude/Longitude Lines (Drawn & Labeled)
North America (Red)	Atlantic	Prime Meridian
South America (Orange)	Pacific	Arctic Circle
Europe (Yellow)	Indian	Antarctic Circle
Africa (Green)	Arctic	Tropic of Cancer
Asia (Purple)	Southern	Tropic of Capricorn
Australia (Brown)		Equator
Antarctica (Grey)		

Map #2: Climate Zone Map

There are several different climate zones around the world. Using different colors identify the locations of various climate zones. There are more climate zones than are listed, and some of these listed are sometimes sub-divided into more specific climate zones. You may need to refer to several maps in order to complete this assignment. Make sure to create a legend (key) to identify which color represents which climate zone. Use the legend below as **an example** for how you might choose to color code your map. Since you will be creating a legend (key), you do not need to label each climate zone on the map. The climate zones that you need to identify are:

Climate Zone	Color	Climate Zone	Color
Tropical Wet	Green	Arid	Yellow
Humid Subtropical	Pink	Tundra	White
Tropical Dry	Orange	Mediterranean	Purple
Subarctic	Grey	Highlands	Brown
Semiarid	Red	Marine West Coast	Tan

Map #3: Population Density Map

Population density maps show how many people live in a specified area. For our map, we will look at persons per square mile. Population Density maps and Population maps are two different maps that convey two different sets of data. Be sure to create a **Population Density** map for this assignment, not a Population map. Use color to designate how many people per square mile live in a specific region. Use the legend below as **an example** for how you might choose to color code your map. Make sure to create a legend (key) to identify which color represents which population density level.

Color	# of people per square mile
Yellow	0
Pink	1-24
Green	25-129
Orange	130-259
Red	260-519
Purple	520+

Map #4: Elevation Map

Elevation maps show the height of the land above sea level in different areas of the world. Use color to show the height of the land. Use this key as **an example** for how you might choose to color code your map. Make sure to include a legend (key) to identify which color represents which elevation.

Color	Height above sea level (in feet)
Green	Below sea level
Yellow	At sea level
Brown	1 - 499 feet above sea level
Purple	500 - 999 feet above sea level
Orange	1,000 - 1,999 feet above sea level
Red	2,000+ feet above sea level

TITLE: _____

