

VARIETY OF MAPS INFORMATION SHEET

A physical map shows physical features on the earth's surface such as mountains, plains, rivers, oceans, deserts and forests. Physical maps are used for locating these natural features. These maps are used by scientists, geographers, tourists, and many others who want an overview of the area.

A topographic map shows points of equal elevation. The closer the lines are together, the steeper the elevation is. Topographical maps can be used for planning hikes or where to build a building on flat ground.

An **economic or resource map** shows where resources (materials that people can use) are located in a region. Some of the natural resources can be forests, iron and other metals, oil, and water. Other resources are developed by humans such as manufacturing, livestock production, crops, and energy. Resource maps help conservation experts and land managers plan for the future and protect natural resources. Developers, miners, and energy departments use these maps to locate resources and plan for their use.

A political map shows boundary lines around countries, states, and cities. Political maps are used for seeing the size and location of these areas. Political maps may show human features like parks, monuments, and other places to visit. Political maps are used by everyone for locating places in the world and getting a better idea of what the location might have in terms of cities, roads, dams, parks, and other human features.

A road map shows the boundaries for towns, cities, countries, and states. Road maps show how people can travel between these locations. Whether electronic or paper, road maps are still used by everyone to get from one place to another especially if they don't already know the route.

A population map shows where and how many people are in an area. Population maps can be used to understand the changes in population and how to plan for civic and economic needs. Government agencies use these maps to provide protection for citizens (police and fire), adequate health facilities, new roads, water and sewage systems, as well as many other public necessities. Businesses also use these maps to determine where to sell their products and create more stores.

A city map shows the landmarks and routes of a city as well as major attractions such as shopping malls, medical centers, civic buildings, and airports. City maps are useful for finding your way around a city. City maps (electronic or paper) introduce visitors and residents to the businesses, museums, parks, other attractions in the area. City maps are essential for finding places when you only have an address.

An evacuation map shows an escape route (exit) from an area, building, or room during an emergency like a fire. These maps are usually posted on a wall of each room in a building with

arrows showing the quickest way out of the building. Schools, hotels, hospitals, and other establishments are required to have such maps. This is for the safety of the occupants.

Aerial or Satellite Photographs/Maps show physical and human features. They are taken from airplanes, satellites, or drones. From high in the air, much territory can be seen. These maps are used by government officials and the military to plan for development of areas or to provide information for soldiers. Developers and city planners use these maps to analyze an area for growth potential (new roads, buildings, businesses). Environmentalists can look at the earth and see changes in the vegetation, water supply, and air quality. Aerial maps can show how a place has changed during the years when a series of maps are analyzed.

Varieties of Maps

Physical	Topographic	Economic/Resource
Political	Road	Population
City	Evacuation	Aerial/Satellite

Group:

Date:

Directions: Your group needs to work together to identify what kind of map you have. You then need to state at least two things this kind of map can show. Then you need to describe at least three uses for this kind of map. Use good grammar and spelling.

Map Presentation Form A

Map Presentation Form B

The name of our kind of map is _____.

It shows _____ and _____.

It is useful for _____,

_____,

and _____.

Write 2 sentences about this map.

Scoring Guide for Presentations**Group Members:**

Team Requirements	Points Possible	Points Earned
Told the audience the name for this the kind of map (on printed image and given during presentation)	5	
Told the audience at least 2 things that this map can show	10	
Told the audience at least 3 uses for this map	15	
Had good eye contact with the audience	10	
Spoke in a good voice level	10	
Participated as a team (both working and in presenting)—no one person doing it all	25	
Turned in a completed Map Presentation Form	15	
Used good grammar and spelling on all materials submitted	10	
Total Points	100	