

TCI CHAPTER 1 & 2 – PLUS 5 THEMES OF GEOGRAPHY

Wall | Grade 7

VOCABULARY

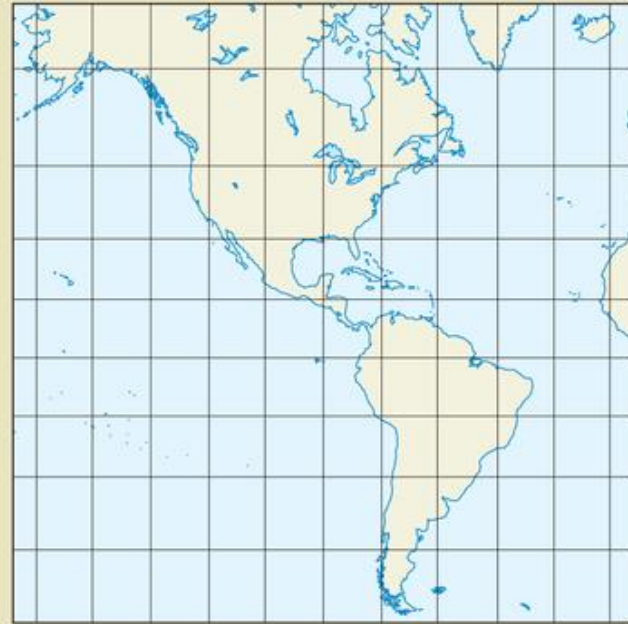
- Absolute Location
 - the precise point where a place is located on Earth
- Relative Location
 - where a place is located in relation to another place
- Distortion
 - a change in the shape, size, or position of a place when it is shown on a map
- Map Projection
 - a way of representing the spherical Earth on a flat surface
- Compass Rose
 - a diagram on a map that shows directions such as north, south, east, and west
- Cardinal Directions
 - the four main directions on a compass rose: north, south, east, and west
- Latitude
 - an imaginary line around Earth that runs parallel to the equator
- Longitude
 - an imaginary line between the North and South poles that crosses the equator at right angles

VOCABULARY

- Equator
 - the line of latitude that circles Earth exactly midway between the North and South poles
- Prime Meridian
 - the meridian of longitude labeled 0 degrees, from which all other degrees of longitude are measured.
- Hemisphere
 - one half of a sphere. Earth can be divided into eastern and western hemispheres or into northern and southern hemispheres.
- Earth Axis
 - an imaginary line that runs from the North Pole to the South Pole through the center of Earth

TCI CHAPTER 1 SECTION 1 & 2

- What is the Purpose of Maps?
 - To show where things are on Earth. (Location)
 - What are two ways to show where things are?
 - **Absolute Location**
 - Street Address
 - Latitude and Longitude (Global Grid System)
 - **Relative Location**
 - Where a place is located in relation to other places
- What is a big Problem with Maps?
 - Distortion
 - a change in the shape, size, or position of a place when it is shown on a map
- What are two ways geographers deal with the problem of distortion?
 - Globes
 - Map Projections



SECTION 1

- Do Check for Understanding
- Do the 4 Vocabulary in the Interactive Notebook Questions (on-line questions)

TCI CHAPTER 1 SECTION 2

- What are 5 parts of a map?
 - Map Title, Compass Rose, Map Legend (Key), Map Grid, and Scale
 - Title
 - Tells us what is on the map
 - Compass Rose
 - Tells us the directions on the map
 - Cardinal Directions – North, South, East, and West
 - Map Legend/Key
 - Identifies Symbols on a map
 - Map Grid
 - Organizes the space on a map with imaginary lines (Grid System)
 - Latitude Lines
 - Longitude Lines
 - Do check for understanding
 - Map Questions: What are 2 things I can find in the B4 section of the map?
 - What structure can I find in the H4 section of the map?

TCI CHAPTER 1 SECTION 3

- Global Grid
 - What direction do Latitude lines go?
 - What is the most important line of Latitude?
 - The Equator divides the Earth into what 2 Hemispheres?
 - Other Lines of Latitude:
 - Tropic of Cancer – $23\frac{1}{2}$ N
 - Tropic of Capricorn – $23\frac{1}{2}$ S
 - Arctic Circle – $66\frac{1}{2}$ N
 - Antarctic Circle – $66\frac{1}{2}$ S
 - What direction do Longitude lines go?
 - What is the most important line of Longitude
 - The Prime Meridian divides the Earth into what 2 Hemispheres?
 - Do Check for Understanding:

TCI CHAPTER 1 SECTION 4

- Map Scale
- Understanding how to estimate distance on a map.
- Map Scale activity in class with Mr. Wall

TCI CHAPTER 1 SECTION 5

- What is a Hemisphere?
- What lines create our Hemispheres?
- What are the 4 Hemispheres?
- What are the 7 Continents?
- What are the 4 Oceans?
- Name as many landmasses as you can:

TCI CHAPTER 1 SECTION 6

- How many days in a Year?
 - 365 $\frac{1}{4}$
- The imaginary line that runs from the North Pole to the South Pole through the center of the Earth is called?
 - Axis
- Is the Earth tilted on its Axis?
- Review how the rotation of the Earth around the Sun creates our seasons.
- Do Check for Understanding

CHAPTER 1 SECTION 7

- Map Projections
 - Know the good and bad of each projection:
 - Mercator
 - Eckert iv
 - **Goode's Homolosine**

TCI CHAPTER 2 – VOCABULARY

- **Climate**

- The pattern of weather over a long period of time

- **Economic Activity**

- Any action that relates to the making, buying, and selling of goods and services.

- **Landform**

- Any natural feature of Earth's surface that has a distinct shape.

- **Physical Feature**

- Any natural characteristic of Earth's surface, such as landforms and bodies of water.

- **Population Density**

- Average number of people who live in a unit of area, such as square mile. How crowded an area is.

TCI CHAPTER 2 – VOCABULARY

- **Vegetation**

- All the plants and trees in an area

- **Elevation**

- The height of the land above sea level.

- **Gulf**

- A large inlet of the sea that cuts deeply into the land.

- **Climagraph**

- A graph that shows the average temperature and precipitation in a place over a year.

- **Fossil Fuels**

- Any fuel, such as petroleum, coal, and natural gas, that is made from the remains of prehistoric plants and animals.

- **Hydroelectric Power**

- Electricity that is generated from the power of moving water.

TCI CHAPTER 2 – SECTION 1

Things a Thematic Map can show:

- **Physical Features** -

- Any natural characteristic of Earth's surface, such as landforms and bodies of water.
 - Land forms: Mountains, valleys, plains, plateaus, basin, bay, delta, gulf, isthmus, lake, mountain range, peninsula, plain, river, strait.
- Climate:
 - Long-term weather patterns.
 - They show rainfall, how hot or cold a place is,
- Vegetation
 - All the plants and trees in an area

TCI CHAPTER 2 – SECTION 1

Things a Thematic Map can show:

- Human Geography –
 - How human activity affects or is influenced by the earth's surface.
 - **Population density** - Average number of people who live in a square mile, or how crowded an area is.
 - **Economic Activity** – any action that relates to the making, buying, and selling of goods and services.
 - **Natural Resources** – A useful material that is found in nature, such as water, wood, coal, or oil.

**Do the Check for Understanding

** Do Question 1 of **on-line questions**: The 7 definitions and 7 sentences

TCI CHAPTER 2 – SECTION 2, 3, 4

Physical Features:

- Landform activity
- Do the 2 On-line Questions for Section 2
- Climagraph Activity
- Do the 2 On-line Questions for Section 3
- Vegetation Activity
- Do the 2 On-line Questions for Section 4

TCI CHAPTER 2 – SECTION 5, AND 6

Human Features:

- Population Density
- Do Check for Understanding
- Do the 2 On-line Questions (Section 5)

- Economic Activity
 - Land Use / Plantations
 - Natural Resources and how they affect Economic Activity
 - Forestry, Fossil Fuels, Hydroelectric power
 - No On-line questions (Section 6)
- No not need to read Section 7.