



Topic/Objective CHAPTER: 2.2

NAME:

Types of Maps

Pd: 1 2 4 5 other

DATE

Essential Question

YouTube: Types of Maps by Mr. Frazier video

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

3 basic
Types

Physical
Maps

↳ Explores the natural Features of an Area.

↳ Rivers, Mt, Valleys, deserts

↳ geography of Area

Political
Map

↳ to show human boundaries

↳ City, Counties, States, Countries

↳ designed specifically to show the Areas where one gov. is in control

↳ Boundaries b/t States, country,

Special
Interest
maps

↳ shows information on the Map by applying color, images, or skewing the maps for specific reason

NOTES CONTINUE ON OTHER SIDE



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Due: Review:
Thoughts: Main Idea

NOTE Taking AREA:

5 Elements
of a map.

1. map title and Borders

↳ Center, short summary

2. Date of Publication.

3. Legend or Key

↳ shows symbols to explain.

symbolization

4. Map Scale & Projection

↳ compares distance on a map.
to Real distance

i.e. $1'' = 111 \text{ Km} = 68.97 \text{ miles}$ (70 miles)

5. Directions

↳ Compass coordinate

SUMMARY:



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Essential Question

What are Map Projections?

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

Relief map → shows 3d work

Cartography

→ the art of map making

Map

Projection

→ is made by transferring points & lines on a globe's surface onto a sheet of paper

Problem w/ them

→ some sort of distortion w/ flat maps b/c ⊕ is curved, 3 dimensional

→ Gerhardas Mercator was a Flemish geographer who created a type of Map with **FLAT EDGES** in the 1600's.

Mercator

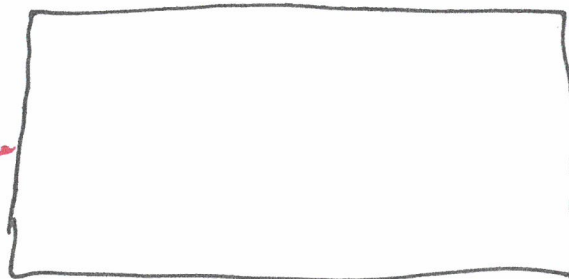
Projection

→ Map that has parallel lines of Latitude and Longitude

→ lines are straight, flat edge, box shape

→ Used for Navigation

→ Exaggerates the areas of landmasses near the poles, but correctly shows their shape



NOTES CONTINUE ON OTHER SIDE



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Map Projections

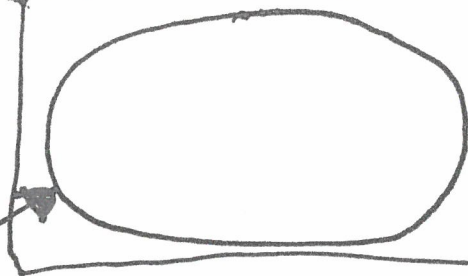
DATE

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

Robinson
Projection

↳ Maps that has parallel lines of Latitude & Longitude BUT rounded ends



↳ Accurate shapes of land for Navigation
↳ mostly used in text books & atlas
↳ Little Distortion (Less)

Conic
Projection

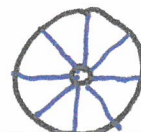
↳ is made by transferring points & lines on a globe's surface onto a cone



↳ Road & weather maps

↳ Very little distortion in the areas or shapes of landmasses that fall along a certain line of latitude

Gnomonic
Projection



↳ is made by projection points

SUMMARY:

& lines onto a piece of paper that touches the globe at a single point.

↳ most Navigation to plot straight route for ships and planes

↳ Distorts direction & distance b/f landmasses