

• GRID in next lecture:

The term model means a simplified version of complex reality. A Globe is a model of Earth.

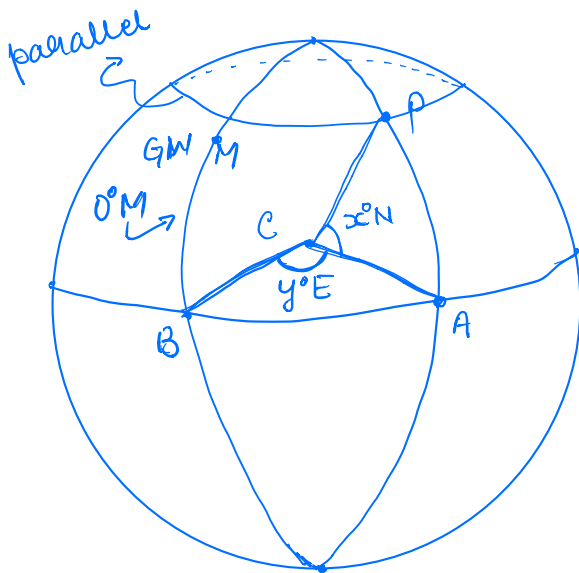
"Start with AHas"

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1. Nature nurtures us, we must nurture nature.
2. Nature to be commanded, must be obeyed.
3. Smile is to humanity, what is to flowers.

1. Fundamental to geographic analysis is a development of a comprehensive and logical framework to establish accurate location of any spot on earth surface.
2. The imaginary grid system is anchored by the position of the poles and equator which are determined by the Earth's slight variance from a perfectly spherical shape.

$P(\text{Latitude, longitude})$



0° parallel $\rightarrow$ Equator
 $\downarrow$
join places having same latitude

$P(x^\circ N, y^\circ E)$

Latitude is the angular distance measured North or South of the equator. We can project a line from a given point on earth surface (P) to center of earth (C). The angle between line PC and the equatorial plane is the measure of latitude of given point P. Latitude varies from 0° to 90° north and south.

Parallel: It is a line connecting all places of same latitude. 0° Parallel is called equator. A parallel is called so because all lines of latitude are parallel to each other.

1884
International Meridian
Conference

$\downarrow$
Global System to
Locate something

Concept of time,
norms to be followed.
before this many people
had many references

Meridian

Greenwich small city
near London
was selected as Prime
meridian.

Reasons for choice:
 $\rightarrow$ Dominance of English
scholars
 $\rightarrow$ Greenwich has Royal
observatory which was
used by many sailors
in Europe

* $\rightarrow$ International Date
line passing through
min. population