

Seventh—Parallels of latitude are circles parallel to the equator and they diminish in diameter on the globe from the equator to the two poles.

Eighth—Parallels of DECLINATION are circles parallel to the EQUINOXIAL PLANE and they diminish in diameter on the celestial sphere from the ecliptic plane to its two poles.

Ninth—The LATITUDE of a place on the GLOBE in degrees of arc is the distance of the place from the EQUATOR NORTH or SOUTH, hence all places north have north latitude, and all places south have south latitude.

Tenth—The longitude of any place on the globe is its distance EAST or WEST from a given assumed meridian Greenwich, (England) being now the prevailing PRIME MERIDIAN in popular astronomical geography, however for the Western Hemisphere, the Americans often for their maps and globes take the meridian of Washington.

Eleventh—The declination of the sun is its distance in degrees of arc from the Equator, (often called the equinoctial or the line), when it is north of this line or circle it is named NORTH DECLINATION, and when it is south it is SOUTH DECLINATION.

Twelfth—The ECLIPTIC PLANE or the orbit of the globe in the solar system, is the Sun's apparent place among the stars in the mechanical arrangements of the new globe, the above orbit is represented by the great lithographic circle fixed to the tripod stand of the apparatus.

In the construction of these globes the greatest care is taken to insure excellence of workmanship and accuracy in the different scientific adjustments required. The Manufacturer therefore, is confident, that all educators who are desirous to procure improved school or library terrestrial globes will find that for giving accurate scientific exhibitions of terrestrial phenomena the new Newtonian Globe excels all others which are sold either in Europe, England, or the United States.

It may be mentioned in closing here, when the foregoing apparatus was fully completed it was expressly examined by the Hon. G. W. Ross, Minister of Education, who AT ONCE ORDERED ONE for the DEPARTMENT, where it formed part of the school appliances which were sent from the Department to the Colonial and Indian Exhibition, London, and at the Exhibition the new Globe obtained a special notice of its merits, and also it was awarded a diploma and medal.