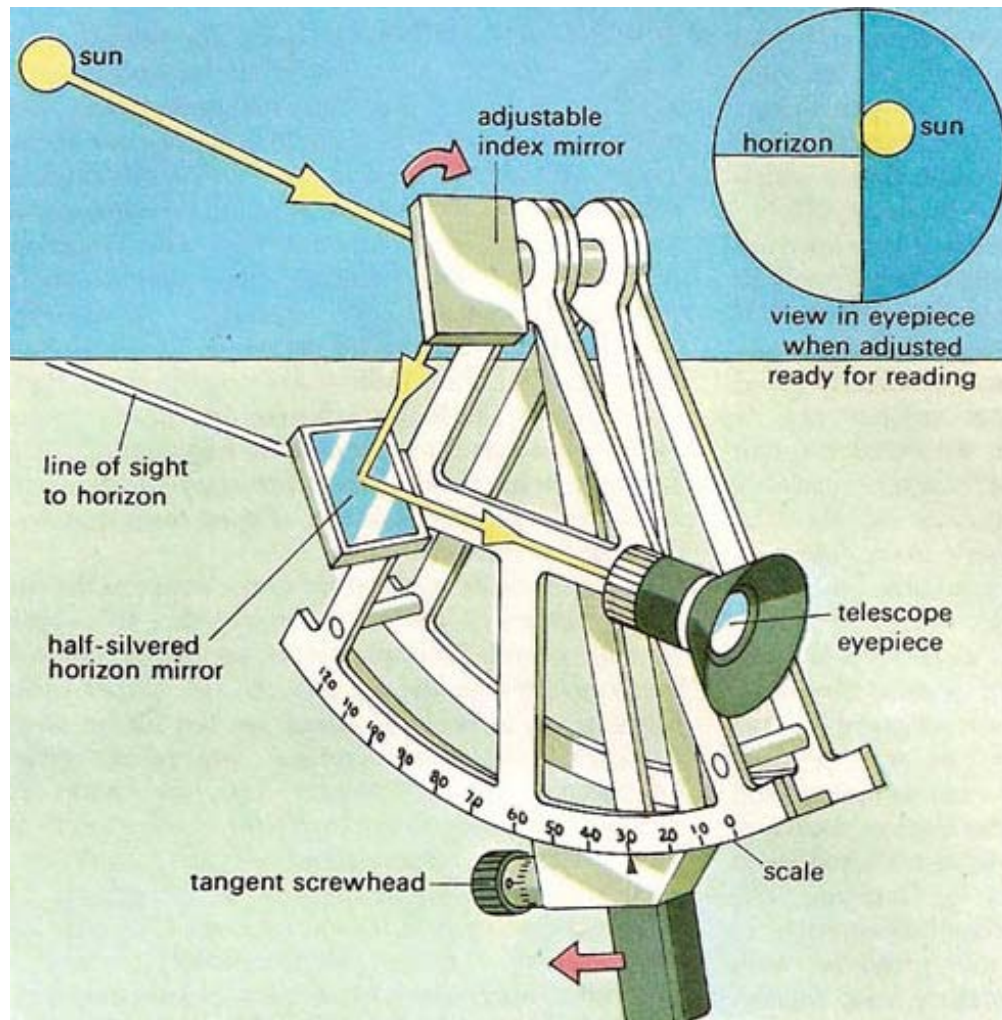


HOW TO USE A SEXTANT



The sextant is an instrument used for navigation which was invented in 1730 and which replaced the astrolabe. The altitude of the sun or a star above the horizon is measured to determine location.

The horizon is viewed through the telescope while the image of the sun or star is viewed in the horizon index mirrors. Rotating the index mirrors with the tangent screwhead moves the image of the sun or star to coincide with the horizon. The indicator along the scale at the bottom of the sextant then provides the altitude of the sun or star, which, with the exact time, gives the latitude of your location.