Jamie Luna

History of Science of Latin America

**INTD 262** 

Mayan (architecture, calendar,) related to science

Astrology divided the sky into twelve regions, known as the signs, like Leo and Sagittarius. Your sun sign is the part of the sky the sun was in when you were born. For instance, if you were born between July 23 and August 22, you're a Leo, and if you were born between November 22 and December 21, you're a Sagittarius. The ascendant sign, which many consider just as important as the sun sign, is the part of the sky rising on the eastern horizon at your birth. This changes every two hours, so you need to know your exact birth time and place to determine it. The moon and planets are also positioned in the Zodiac. Each planet influences different aspects of life: Mars affects drive and courage, while Venus influences love and the arts. The many combinations of these influences supposedly shape personality, behavior, and fate.

Astrology is an ancient practice, starting in Chaldea thousands of years B.C. By 700 B.C., the Zodiac was established, and its signs were quite similar to those we know today.

Chichen Itza started as a big hole in the ground. It began as a pilgrimage site to the Sacred Cenote, a water-filled sinkhole that later became a major archaeological site in the northern Yucatan Peninsula. The northern Yucatan Peninsula is a limestone plain without rivers, streams, lakes, or ponds. The area has many natural sinkholes, known as cenotes. One of the most notable is the Sacred Cenote, which is 60 meters wide and surrounded by steep cliffs that drop 27 meters to the water below. The exact time when the Sacred Cenote became a pilgrimage site is debated. Some suggest it started as early as the "Maya Preclassic" period (2000 BC – 250 AD). This estimate spans about 2250 years, which is a very broad range and even longer than the

entire Christian era. However, another study provides a more precise date for the first occupation of Chichen Itza, which is 495 AD. This means that around or before 495 AD, the founders of Chichen Itza began to use the Sacred Cenote regularly as a pilgrimage site.