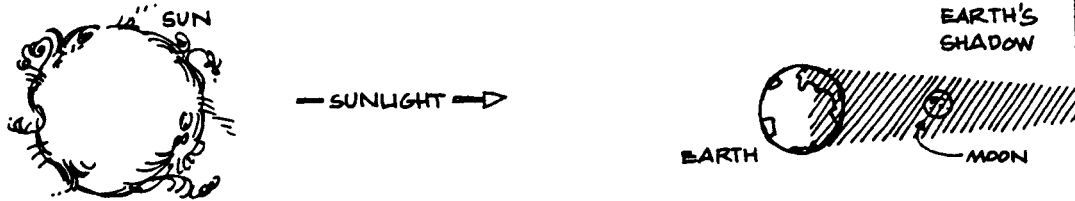


A LUNAR ECLIPSE



REMEMBER —

The moon itself is not a source of light. Moonlight is just reflected sunlight. Without the light from the sun, the moon will not "shine" and will not be visible from the earth.

Share the concepts about the lunar eclipse with your students so they can understand "spring tides." Reproduce the two full-page illustrations and chart and give the students the opportunity to research and report on the spring tides.

Spring tides are exceptionally high and low tides affected by the alignment of the sun, moon, and earth during the full and new moon phases. The sun and moon are in the same path and exert greater gravitational pull on the earth. Gravity on the earth and the "pull" caused by the moon cause the tides to be higher. The waters rise, coming inland, and sometimes cause floods. As the earth rotates, the tides change from high to low, and vice versa.