Measuring the Universe

OBJECTIVE:

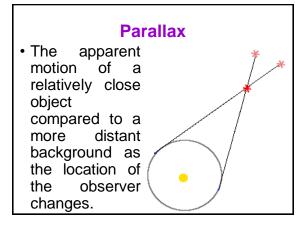
 Identify the metric units used in astronomical measurements;

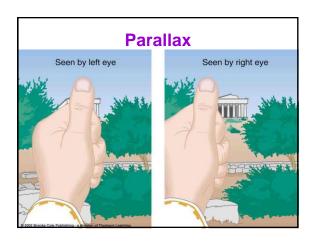


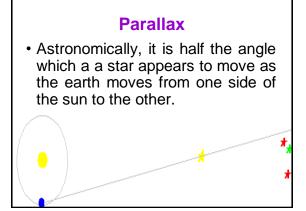
The **universe** is <u>space and all</u> the <u>matter and energy in</u> it.

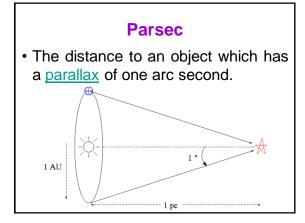
To travel by car to the sun, a person would need to drive day and night for 200 years.

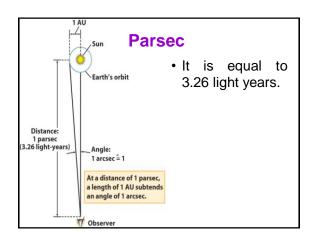
To travel to the next star, it would take over 55 million years.











SYNTHESIS:

In a 1/8 sheet of paper answer this question, what other subject area/s you need to learn in measuring the distances in space?

HOMEWORK:

Explore Light Years and discuss the reasons astronomers use this unit of measurement.