

Name: \_\_\_\_\_

Period #: \_\_\_\_\_

## Eclipses! Power Point Notes

What are eclipses?

The Moon's tilted orbit:

### Types of Eclipses

Solar eclipse (Sun-Moon-Earth)	Lunar eclipse (Sun-Earth-Moon)
*	*
*	*

### Solar Eclipse Geometry

Umbra:

Penumbra:

Total Solar Eclipse	Partial Solar Eclipse
*	*
*	*

### Lunar Eclipse Geometry

Umbra:

Penumbra:

Total Lunar Eclipse	Partial Lunar Eclipse
*	*
*	*

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