Lesson Title: Sun-Earth-Moon System

Date/ Time Frame	7 instructional days
Type:	5E Lesson
Lesson in a Series	5E Lesson #1 of Unit 1 Earth Moon and Sun System
Technology Integration	Google Meet/Zoom Flipgrid Achieve 3000
NGSS Standard:	MS-ESS1-1 Develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.
CA ELD Standards:	Part 1.B, Interpretive, 5: Listening actively to spoken English in a range of social and academic contexts. Part 1.B, Interpretive,6: Reading closely of informational texts and viewing multimedia to determine how meaning is conveyed explicitly and implicitly through language. Part 1.C, Productive,9:Expressing information and ideas in formal oral presentations on academic topics. Part 1.C, Productive,10: Composing/writing literary and informational texts to present, describe, and explain ideas and information, using appropriate technology.
Learning Intention	We can understand how the relative sizes, distances, and positions of the Moon, Sun, and Earth produce eclipses.

Success Criteria	We can create a model to demonstrate how and why eclipses occur.
Materials:	Tape Toilet Paper Tube Flashlight Scissors Foil Wire Markers Large Styrofoam Ball Small Styrofoam Ball Cardboard
Essential Questions	What causes an eclipse? Why isn't there an eclipse every month?
Task - What do you want the students to do?	Students will be able to describe and model how the relative sizes, distances, and positions of the Moon, the Sun, and Earth produce lunar and solar eclipses
CFU / Rubric	Google Form