Name:	COI	RE:			Star	t Date:	
CYCLE STANDARD FOCUS: The relative patter moon.		_	_		NG MASTERY G cause solar and lunar e		d phases of the
VOCABULARY TERMS: Orbit, Revolution, Waxing Gibbous, Waxing Crescent, Waning				e, Ne	ap Tides, Spring Tides, New	Moon, Quarter Moo	on, Full Moon,
EVEL 5: Predict & Infer FARGET: I CAN: predict and infer what the affects and ramifications would be f the moon was destroyed or its' orbit or pattern changed or stopped, citing accurate evidence and support for predictions.	E&M 5A: Create and produce a movie trailer for a movie that would showcase what would hap the earth or was destroyed. What would the impact be on the oceans, wildlife, peopleetc. The depth knowledge of other ways the moon affects our planet. Another option may be chosen by student if they have another creative idea or way to demons its interactions with our planet.					will require some ext	ra research and in
EVEL 4: Construct & Design	E&M-4A: Create a children's story / explanation about the moon and its cycles, phases, and tides.						
TARGET: I CAN Construct and design a model or demonstration (physical or digital) of how the moon's position compared to earth creates phenomenon of phases, eclipses, and ides.	For this task, you must fully understand the processes we have discussed (Moon position, phases, tides, eclipses) in order to explat them in simple terms to a child through writing and creating a story. The story should be original but can be adapted from already constories. If you would like to complete another task (e.g. comic strip, video, movie etc.) please ask your coach. NEED: All previous assignments / Learning Targets Mastered ASSESSMENT: Product created, Graded based on rubric.						
EVEL 3: Compare & Contrast CARGET: Compare and contrast the patterns of the moon's position and phases with its visual appearance, eclipses and tides.	E&M-3A: Phases Simulation Complete moon phase simulation activity using link on EDMODO. Need: Device, Edmodo, simulation activity sheet. ASSESSMENT: lab responses and student responses.		E&M 3B: Position Challenge Show full understanding of cycles and phases of moon as well as their affects on phenomenon of Tides and eclipses through completion of the Position challenge. Model each phenomenon accurately to show mastery. NEED: Position challenge sheet. ASSESSMENT: Student responses.			E&M 3C – SUMMATIVE ASSESSMENT Complete summative assessment. You will have 3 chances to complete this assessment SCORE: *85% Mastery must be achieved. If it is not achieved after 3 tries, additional review activities must be completed.	
EVEL 2: Apply 9 Demonstrate	FOR 2A. Class Notes /Tid):	ESM 3D. (Class)		FOM: 20 Busin non TIDES		•
EVEL 2: Apply & Demonstrate. FARGET: I CAN apply and demonstrate knowledge of how the moon's change in position and phases around earth eads to high and low as well as NEAP and SPRING tides on earth due to its gravitational pull.	E&M-2A: Class Notes (Tid Complete all notes on moon and tides. Complete activity exit slip. NEED: Notes sheet, materia ASSESSMENT: exit slip / no	Zaption Video Tides: Complete the zaption video and all required responses. Need: Device, video video. Se		E&M: 2C Brain-pop TIDES View and complete activity from brain pop using the video and worksheet. Search Complete all questions and quiz at end of video. Send results to grademecoach@gmail.com.	Complete the Tides Data activity. Be able to explain and demonstrate what causes the changes in the tides and why the time interval is the length it is.		
	ACCESIMENT. OAR SIIP / HORS		student responses and end questions.		SCORE: / 10 NEED: Tech Device ASSESSMENT: Quiz / Sheet	ASSESSMENT: Student responses and explanations.	
EVEL 1: Define & Explain: TARGET: I CAN define and explain how he moon's change in position around earth leads to changes in its appearance phases) as well as LUNAR and SOLAR eclipses. Define all Vocabulary	E&M -1A: Class Notes (Phases and Eclipses) Complete all notes and activities from lesson. NEED: Device, Nearpod APP, Notes sheet. ASSESSMENT: Formative responses and exit quiz from notes.	Review Sign into y Account ar Earth and Complete take "TES" SCORE: _ + KIM She mastered. NEED: Tet www.quizle ASSESSM	ets if not	E&M 1C: Moon Phases Inquiry Lab Complete inquiry lab using handouts and directions. NEED: Lamp, Ping pong Balls, Activity ASSESSMENT: Student responses, lab sheet answers, participation.		E&M: 1D: Brain POP Complete activity from brain pop using the video and worksheet. Complete quiz at end of the video and send to grademecoach@gmail.com. SCORE:/10 NEED: tech, worksheet	PROVE MASTERY Successful completion of socrative Earth and Moon Level 1 quiz to show knowledge. 85% passing TEACHER CHECK: Create an Action Plan if you do not

