

2021-2022 Mabry CCC Lesson Plan

CCC Meeting		CCC Norms	CCC Meeting Guide
Subject:	Earth Science – 6 th grade	<ul style="list-style-type: none"> • Be on time • Be prepared • Listen to all ideas 	<ol style="list-style-type: none"> 1. What do we want students to learn? <ul style="list-style-type: none"> • Lesson Plan 2. How do we know if students learned it? <ul style="list-style-type: none"> • Create Common Assessments • Review & Assess Data 3. What do we do when students don't learn it? <ul style="list-style-type: none"> • Discuss Possible Strategies 4. What do we do when students learn it? <ul style="list-style-type: none"> • Celebrate! & Discuss Ideas
Unit:	Unit 1 Universe and Solar System		
Week of:	8/30 – 9/3		
Members:	Elizabeth Davis Bridget Nastasi Anne Hershfelt Amanda Okuno * Facilitator / **Note-taker		

WHAT DO WE WANT STUDENTS TO LEARN?					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Learning Targets	<p>Today I am... compare and contrast the composition and location of comets, asteroids, and meteors.</p> <p>So that I can... understand the three objects</p> <p>In order to... ask deeper level questions.</p>	<p>Today I am: Designing a Mars lander to protect two astronauts upon descent.</p> <p>So that I can: follow the engineering design process to design and build a shock-absorbing system</p> <p>In order to: use what they know and can investigate about gravity, motion, and forces to design and build a shock-absorbing system</p>	<p>Today I am: Designing a Mars lander to protect two astronauts upon descent.</p> <p>So that I can: follow the engineering design process to design and build a shock-absorbing system</p> <p>In order to: use what they know and can investigate about gravity, motion, and forces to design and build a shock-absorbing system</p>	<p>Today I am... showing what I know</p> <p>So that I can... communicate about current scientific views of the universe and how those views evolved</p> <p>In order to... master the Unit 1 standard.</p>	<p>Today I am...</p> <p>So that I can...</p> <p>In order to...</p>
Content Standards	a. Ask questions to compare and contrast the characteristics, composition, and location of comets, asteroids, and meteors.	STEAM - Engineering	STEAM - Engineering	S6E1. Obtain, evaluate, and communicate information about current scientific views of the universe and how those views evolved	a. Analyze and interpret data to relate the tilt of the Earth to the distribution of sunlight throughout the year and its effect on seasons.

Opening	Warm-Up: CAM review	Book page 105 #1-7	Page 107, #10-15, 18, 19	Take up Study Guides and Check Quizlet Test	
Lesson Plan	<ul style="list-style-type: none"> Comets and Meteors Video - Bill Nye Or Dragon Ball Z Mystery Review <p>Study Guide for Unit 1 Test – ½ of Guide</p>	<ul style="list-style-type: none"> Mars Rover video clips https://www.youtube.com/watch?v=4czjS9h4Fpg Begin STEAM Lesson Lunar Landing (draw and plan) 	<ul style="list-style-type: none"> Check study guide https://mars.nasa.gov/mars2020/multimedia/videos/?v=458 Complete STEAM Lesson Lunar Lander (construct, test, analyze and improve) 	Unit 1 Universe & Solar System Test - CTLS	Bill Nye – Space Exploration video
Closing	Work on Study Guide and study Quizlet	HW: Finish the study guide	Study for the test with guide, Kahoot and Quizlet Test (post SG key)		

HOW DO WE KNOW IF STUDENTS LEARNED IT?

Assessment (Current or Future)	Universe-Big Bang exit ticket				
	<input type="checkbox"/> Formative <input type="checkbox"/> Summative	<input type="checkbox"/> Formative <input type="checkbox"/> Summative	<input type="checkbox"/> Formative <input type="checkbox"/> Summative	<input type="checkbox"/> Formative <input type="checkbox"/> Summative	<input type="checkbox"/> Formative <input type="checkbox"/> Summative

WHAT DO WE DO WHEN STUDENTS DON'T LEARN IT?

Differentiation and Specialized instruction & Strategies	Different opener for OL and AC Mid unit check – continue review with study guides and Quizlet				
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WHAT DO WE DO WHEN STUDENTS DO LEARN IT?

Differentiation and Specialized instruction & Strategies	Extension activity				
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STEAM ELEMENTS

Engineering Design Process Stage	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share	<input type="checkbox"/> Ask <input type="checkbox"/> Imagine <input type="checkbox"/> Plan <input type="checkbox"/> Create <input type="checkbox"/> Improve <input type="checkbox"/> Share
STEAM Connections (2 or More)	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math	<input type="checkbox"/> Science <input type="checkbox"/> Technology <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math
Cross-Curricular Connections	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language	<input type="checkbox"/> ELA <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Social Studies <input type="checkbox"/> Foreign Language
STEAM/Cross-Curricular Standards					
STEAM/Cross-Curricular Vocabulary					
Real-world Connection		Moon Landing and Mars Rover	Moon Landing and Mars Rover		
Career Connection		Astronomy, Aerospace Engineering	Astronomy, Aerospace Engineering		