Department: Science **Grade Level: 8** **Grading Period: 2** **Week: 6** **Dates: 10/28/19 – 11/01/19**

100% Every Student, Every Day

	Monday 10/28/19	Tuesday 10/29/19	Wednesday 10/30/19
TEKS	**S.E.:** 8.8(A) describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification **Readiness Standard**	**S.E.:** 8.8(A) describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification **Readiness Standard**	**S.E.:** 8.8 (B) recognize that the Sun is a medium-sized star located in a spiral arm of the Milky Way galaxy and that the Sun is many thousands of times closer to Earth than any other star; **Supporting Standard**
Dual Coding	**Process Standard 8.3(B)**	**Process Standard 8.3(B)**	**Process Standard 8.3(B)**
Lesson Objective (WE will learn) Anticipatory Set	We will learn to describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification.	We will learn to describe components of the universe, including stars, nebulae, and galaxies, and use models such as the Hertzsprung-Russell diagram for classification.	We will learn to recognize that the Sun is a medium-sized star located in a spiral arm of the Milky Way galaxy and that the Sun is many thousands of times closer to Earth than any other star
I will statement Independent Practice	I will complete Vocabulary activity match terms with definitions and draw a picture	I will complete Check Box paragraph activity.	I will complete reading activity *The Sun*
Instruction: **1. Modeling** **2. Guided Practice** **3. Independent Practice**	1. 8.8A&B Vocabulary activity match terms with definitions and draw a picture **Homework: None**	1. Warm Up 2. Check Box paragraph activity. **Homework: None**	1. Warm Up 2. Reading activity *The Sun* **Homework: None**
Seed Question FSGPT	What is the position of the Sun in the Milky Way galaxy? How close is Earth to the Sun and to other stars?	What are the characteristics of galaxies? What is included in the universe?	What is the position of the Sun in the Milky Way galaxy? How close is Earth to the Sun and to other stars?
AVID strategy	**Vocabulary**	**Independent**	**Engaging Experience**
Kagan / Lead4ward Strategy	**Collaboration**	**Independent**	**Collaboration**

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	Thursday 10/31/19	Friday 11/01/19	Notes
TEKS Dual Coding	**S.E.:** 8.8 (C) identify how different wavelengths of the electromagnetic spectrum such as visible light and radio waves are used to gain information about components in the universe **Supporting Standard**	**S.E.:** 8.8 (C) identify how different wavelengths of the electromagnetic spectrum such as visible light and radio waves are used to gain information about components in the universe **Supporting Standard**	**Monday 10/28/19 Debully Program**
	Process Standard 8.3(B)	**Process Standard 8.3(B)**	
Lesson Objective (WE will) Anticipatory Set	We will learn to identify how different wavelengths of the electromagnetic spectrum such as visible light and radio waves are used to gain information about components in the universe.	We will learn to identify how different wavelengths of the electromagnetic spectrum such as visible light and radio waves are used to gain information about components in the universe.	
I will statement Independent Practice	I will complete Colors in Christmas Lights LAB activity. **Engaging Experience"**	I will complete EMS Matching activity.	
Instruction: Modeling Guided Practice Independent Practice	1. Vocabulary Play It Say It 2. Colors in Christmas Lights LAB activity	1. Warm Up 2. EMS Matching activity.	
	Homework: None	**Homework: None**	
Seed Question FSGPT	What information have scientists discovered about objects in the universe by analyzing various short and long wavelengths of the electromagnetic spectrum?	What information have scientists discovered about objects in the universe by analyzing various short and long wavelengths of the electromagnetic spectrum?	
AVID Strategy	**Inquiry**	**Independent**	
Kagan/ lead4ward Strategy	**Collaboration**	**Independent**	