## **Astronomy Unit Remediation**

Name <sub>.</sub>		Date	Period
	er to remediate you for this unit, you will need t of this unit in order to become proficient on the		ngs to help you understand the
may bo	you will need to read, or have read to you, chapt orrow a hard copy of the book from your teache e grade page of powerschool and also a link on y	er, or there is	a link to the electronic copy on the
Next, g	go to this website: <a href="http://www.uen.org/core/sci">http://www.uen.org/core/sci</a>	ience/sciber/s	ciber9/index.shtml
Astron Utah C this un done the supple	on the Universe link in the middle of the page. Becomy Unit Test, you will need to read through the Core for Earth Science and answer the questions nit. When you are done, sign and have your pare the above tasks. You may then submit this competent your unit test score enough to achieve provided took the unit test to finish this remediation as	ne provided se in order to tr ent / guardian pleted paper v oficiency leve	ctions of this online text from the y and learn more about the topics of sign below, indicating that you have with the appropriate signatures to
Student Signature			Date
Parent	t/Guardian Signature		Date
Teache	er Signature		Date
Origina	al Unit Test Score%		
Utah S	Sci-ber Text		
Star Co	olors		
1.	What is the Doppler Effect?		
2.	Why does the pitch in the sound of a moving or you?	object change	as it moves closer to or further from
3.	What is red shift and blue shift of light?		
4.	Answer the questions at the bottom of the pa	ge and check	your answers.

## I'm Expanding

	5.	What was Edwin Hubble's evidence that the universe must be expanding?
	6.	How can the expanding universe be compared to a loaf of raisin bread?
So	. <b>W</b> 7.	hat Do You Think Now?  Research each of the listed individuals and answer the questions provided for each:  a. Claudius Ptolemy
		b. Nicolaus Copernicus
		c. Johannes Kepler
		d. Galileo Galilei

## **Technology Moves Science Forward**

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	8.	Describe three examples of how technology has helped change our understanding of the universe.		
	9.	Why is it important that we have telescopes that can detect different types of energy?		
Fusion Makes Elements Form / Creating Elements				
	10.	What were the first two elements to form after the big bang?		
	11.	Why can extremely massive stars produce elements bigger than iron?		
Where did They Come From?				
	12.	What are the two big clues that give us an idea of how our solar system formed?		
	13.	What is a nebula?		
	14.	Describe the formation process of a star and planets.		
How Old? How Big?				
	15.	What is the evidence that our solar system is approximately 4.56 billion years?		
	16.	Compare the sizes of the following objects: planets, stars, solar systems, galaxies, universe		