

Earth Science Chapter 29 and 30 Stars, Galaxies, Universe Unit Homework Packet

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

Assignment ( <b>Please assemble in the following order. I will not grade your packet and you will get a ZERO if it is not in the correct order!</b> )	On Time	Late	Question Score	Vocab. Score	Total Score
1. Read Section 29.1, pages 755-760. Answer questions 2-6 page 760 and define words in question 11: <i>sun, hydrogen, helium, nuclear fusion, core, radiative zone, convective zone.</i>			/5	/7	/12
2. Read Section 29.2, pages 761-764. Answer questions 1-5 page 764 and define words in key terms page 761: <i>sunspot, prominence, solar flare, coronal mass ejection, aurora.</i>			/5	/5	/10
3. Read Section 30.1 pages 776-780. Answer questions 2-6 page 780. Define words in key terms on page 775: <i>star, Doppler Effect, light-year, parallax, apparent magnitude and absolute magnitude.</i>			/5	/6	/11
4. Read Section 30.2, pages 781-788. Answer Questions 1-8 page 788. Define words in question 13: <i>main-sequence star, nebula, supergiant, white dwarf, planetary nebula, black hole, supernova, protostar, giant star, pulsar, and neutron star.</i>			/8	/11	/19
5. Write down and discuss ONE thing that you will change or implement in your life in honor of Earth Day on Thursday, 4/22/10. It must be doable and should list the steps necessary to achieve your goal! Go <a href="#">here</a> and <a href="#">here</a> and <a href="#">here</a> for ideas.			/5	NA	/5
6. Read Section 30.3, pages 789-792. Answer questions 1-5 page 792. Define words in #8: <i>galaxy, elliptical galaxy, Milky Way galaxy, irregular galaxy, barred spiral galaxy, and spiral galaxy.</i>			/5	/6	/11
7. Read Section 30.4, pages 793-796. Answer questions 1-4 page 796. Define words in #8: <i>cosmic background radiation, dark energy, red shift, dark matter, big bang theory, and galaxies.</i>			/4	/6	/10
8. Complete <a href="#">Mystery Spectra</a> . Doing Internet Investigation ES2803 on the back Earns 10 EXTRA CREDIT points!			/10	NA	/10
9. <a href="#">Red Shift, Blue Shift</a> : front side only			/7	NA	/7
<b>Total Packet Score</b>					<b>/95</b>