Nome	Data Bowled	26					
Name	påce Exploration and Technology						
		مامصر					
Directions – Use your assigned Chromebook and go to the following links to help you research more about how technology							
has helped our understanding of the Universe. Task 1 – Electromagnetic Spectrum							
1. Click on the each type of wave from the electromagnetic spectrum to learn the basic characteristics.							
	Describe what each type of wave can do.						
Type of EM Wave	Description						
Radio							
Microwave							
Infrared							
Visible							
Ultraviolet							
X-ray							
Gamma ray							
Task 2 – International Space Station							
2. When was the space station launched?							
3. Who has contributed laboratory modules?							
a.							
b.							

4. Why is the Space Station Important?

c.

d.

Task 3 – Rockets

5. What are two definitions of the word "rocket?"

	 Define thrust and missile in your own words a. Thrust- 									
		b. N	∕lissile –							
	7. Which of Newton three laws explain how a rocket works?									
	8 were the first to use rockets in the 1200s.									
	9. In 1926, flew the first liquid-fuel rocket.									
	10. What missions sent men to the moon?									
Та	Task 4 – Satellites									
	11. Read and then click on and play "Play "Missions to Planet Earth"!" In order for this to work on the Chromebook, click on "here" where it says "If you're on a PC or Mac, you can download here ", then allow. MAKE SURE YOU READ THE DIRECTIONS TO KNOW HOW TO PLAY!! You need to complete 3 of the 5 missions.									
	Mis	ssion #	Rocket	Orbit	Spacecraft	Science Objective	Outcome			

12. Describe the characteristics of one of the satellites you created and explain why it was successful.

Task 5 – Space Probes

b.

13. What two space probes NASA launched in 2003?

14. What do space probes do in space?							
15. T or F: Most space probes safely return to Earth and are picked up in the Pacific Ocean.							
Click on "Show me the level 2 version of this page" at the botto	om of the page.						
16. Choose 2 Space Probes and tell about their mission sentences each) a.	s and discoveries. (Should be 1 to 2 complete						
b.							
Task 6 – Telescopes							
Click on Launch the Game! (for smaller monitors) - This is just be player" and finally, allow Start at level zero and answer the follows. 17. What are the two types of telescopes? a.							
b. 18 invented the i	reflecting telescope.						
 19. What are the seven parts on the Webb telescope? a. b. c. d. e. f. 	20. What are the seven parts on the Hubble telescope? a. b. c. d. e.						
g.	f. g.						