History Channel's Universe: Jupiter: The Giant Planet

Name:			Period:	Date:	_					
1.	. What is the chemical composition of Jupiter? (1:50)									
2	Fill in the follow	ing table concerning Jupi	iter (2:05)							
How m	any times the er of Earth is	How many Earths could you stuff inside Jupiter?	How long is 1 day on Jupiter?	How long is 1 year on Jupiter?	How much greater is Jupiters gravity compared to Earths?					
3.	3. Why would it be so difficult for humans to visit Jupiter? (3:30)									
4.	4. How was Jupiter though to have formed? (5:20)									
5.	5. How does the large mass of Jupiter act to protect Earth from solar system debris? (7:00 to 10:45)									
6.	6. What causes Jupiters 12,000 mile wide Great Red Spot? (13:20 to 17:00)									
7.	7. What would weather and thunderstorms be like on Jupiter? (18:00)									
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	9.	How many moons does Jupiter have and why does it have so many? (22:30)								
	10.	What are the four main Galilean moons (Medici Stars) of Jupiter discovered by Galileo Galilei? What are their basic characteristics? (23:00)								
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	11.	What could hydrothermal vents under Europacs ocean do for promoting the possibility of life there? (30:00)								
	12	. What is a magnetosphere and what effects does it have on Jupiters environment? (35:00)								
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	13.	What frequency on the radio should you tune your tuner to hear radio emissions from Jupiters magnetosphere?								
		(39:00)								
	14	What causes rings around a gas giant planet like Jupiter? (41:00)								
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