STS 497 I

Space Colonization

Full Name: ______________________________

Date: ____ Time: ____

1. From who's perspective is the story told?

2. What did people remember about Gus Grisson? How did he stick it "in everybody's face" and how did he make "his point"?

3. How many miles of wire was there in the Apollo Spacecraft? Which three astronauts were scheduled to fly the first Apollo mission? Who commanded?

4. The "all plugs out test" ended how? Exactly what happened (be brief)?

5. Name at least three things (in the spacecraft) that contributed to the fire getting so out of control.

6. Who was the icy-commander? How did the other astronauts "thaw" him out a bit? What was being "celebrated"?

7. What happened to Valdimir Komolorov? From the point of view of the American Space Program, what was "threatening" about his booster/rocket?

8. Who likened himself to Humpey Dumpty and why did he do so? What was that mission called? Which astronauts flew on it?

9. What was all the stink about with the helmets? What did Chris Kraft have to say about all the bickering that went on? Did he discipline the astronauts?

10. What rocket was built to send the Apollo spacecraft to the Moon? How much weight did it have to lift off the ground and to what velocity?

11. Why did Apollo 8 go all the way to the Moon? Who were the first three men to go to the Moon? Who was the commander?

12. What is TLI? What does it mean? Ay what point in the flight did Borman realize that Project Apollo was an incredible undertaking? Why?

13. What message did the Apollo astronauts send to all people on Earth on Christmas Eve 1968?

14. What happened to the Russions at this point? Do you think they were going for a Moonshot?

15. Which mission number finally landed on the Moon? Who commanded? Who was going to get that coveted first step on the Moon?

16. Who actually landed on the Moon in this mission? How many seconds of fuel did they have left in the LEM descent engine when they finally made lunar contact? What was the first thing said from the surface of the Moon?

17. Who was president in 1969, when the Moon landing happened? What did the public due after humanity's greatest achievement. What do you think about that?

18. How did Shepard get himself back on flight status? How did this affect the fate of Jim Lovell? What happened to Apollo 13? Did it move the world?

19. Who were “the retread and the two rookies”? Which Appollo mission was this? Why was it so significant of a mission?

20. What two major malfunctions almost caused Apollo 14 to fail its mission? What did Deke Slayton get nervous about as they desended to the Moon?

21. What did ol’ Al say when he stepped on the Moon? Why? What was ol’ Al’s claim to fame (what sport did he play?) What did Al’s father say about all this?

22. What happened to Apollo 18, 19, and 20? What was the last Apollo mission? Who was commander?

23. What does Stu Roosa have to say about what historians will say about the premature ending of Project Apollo? What do you think the historians will say?

24. What you think about this event (going to the Moon) in human history. Would you be proud of your generation if it could do anything as significant as a moonshot? What do you think your generation could do (at this level) if it were to focus– I am asking you to identify what significant achievement in the next century might be the one remembered for all time. Do you think we will always need a competitive arena driving us to make such achievements, or do you believe that there will be a day when we strive forward, together, without competition (this relates to the last bit of the previous question)?