

Name _____
Period _____



Apollo 13 Movie (25 points)

The purpose of this assignment is to give the students an opportunity to watch the historical events that happened during the Apollo 13 mission to space. Students should also get an idea of some of the problem solving skills that helped to save the mission. During the movie students will be required to complete worksheets that pertain to the movie.

Time given to complete: There will be three days given in class to complete this unit. During this time students will be expected to watch the movie with their classmates as well as complete the worksheets about the movie.

In addition to completion of the worksheets, students are encouraged to pay close attention to the events of the movie. Special attention should be given to the problem solving skills that were demonstrated by the NASA staff during the crisis. Many people came to the aid of the astronauts during the mission and were able to help by thinking outside the box.

Developing special problem solving skills is going to be a major part of this course. Students will be required to design, implement and modify many different projects during this Introduction to Technology course and apply their problem solving skills to come up with the best possible solutions for their projects.

After the movie has been watched in class, student will be required to turn in their worksheets to be graded. Grades will be assigned by the number of correct answers provided on the worksheets.

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Apollo 13- Part 1

1. Neil _____ was the first man to walk on the moon.
2. “One small step for man, one giant leap for _____.” (Moon Landing)
3. The date of the first walk on the moon was July 20, _____.
4. NASA’s Cape Kennedy is located in the state of _____.
5. Allen Shepard was pulled from the Apollo 13 mission because he had an ear _____.
6. Jim _____ became the commander of Apollo 13.
7. It took _____ days to get to the moon.
8. The door on the space craft is called a _____.
9. Engine _____ had a problem during takeoff.

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Apollo 13- Part 2

10. Day three of the mission was April _____ 1970.
11. The altitude was _____ thousand miles above the earth when the astronauts did their broadcast.
12. "Houston we have a _____". (Spaceship)
13. The gas that was venting out of the spaceship was _____.
14. "Let's work the _____, people. Let's not make the problem worse by guessing". (Command Center)
15. Oxygen, power and _____ running out were all concerns for the spacecraft.
16. "Failure is not an _____". (Command Center)
17. The _____ filters are going bad and need to be replaced.

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Apollo 13- Part 3

18. The _____ level was becoming too high so the astronauts needed to build a new filter.
19. The command center had to work on a new schedule to _____ up the spaceship because there was not enough energy in the batteries.
20. The crew on the spacecraft had to do another burn because they were _____ target with the earth for re-entry.
21. The amperage that the spacecraft could not go over was _____ amps.
22. The Apollo 13 spacecraft returned to Earth on April _____, 1970.
23. The _____ shield was the major concern for the spacecraft when it re-entered the earth's atmosphere.
24. The spacecraft was out of contact for over _____ minutes during re-entry.
25. The Apollo 13 mission lasted _____ days.