1
00:00:15,509 --> 00:00:09,830
ten nine eight seven six five four three

2
00:00:19,269 --> 00:00:17,109
as grade team we were in charge of

3
00:00:21,429 --> 00:00:19,279
mission integration which means that we

4
00:00:23,509 --> 00:00:21,439
had to make sure that all four teams

5
00:00:26,230 --> 00:00:23,519
worked together in unison to plan a

6
00:00:27,670 --> 00:00:26,240
successful and efficient mission to mars

7
00:00:29,830 --> 00:00:27,680
john gruner helped us determine the

8
00:00:31,189 --> 00:00:29,840
parameters for the mars mission by doing

9
00:00:33,590 --> 00:00:31,199
so he showed us that we must be

10
00:00:35,830 --> 00:00:33,600
diplomatic when choosing the objectives

11
00:00:37,350 --> 00:00:35,840
he also gave us insight on how nasa has

12
00:00:39,750 --> 00:00:37,360
progressed over the years and will

13
00:00:42,150 --> 00:00:39,760

continue to do so as time goes on our

14
00:00:43,510 --> 00:00:42,160
team created a lot of memories at nasa

15
00:00:46,150 --> 00:00:43,520
this past week

16
00:00:47,830 --> 00:00:46,160
together we explored nasa and everything

17
00:01:01,430 --> 00:00:47,840
that it had to offer in many ways like

18
00:01:05,030 --> 00:01:03,430
sue curly showed us how important it is

19
00:01:07,109 --> 00:01:05,040
to use the scientific method when

20
00:01:09,510 --> 00:01:07,119
engineering new innovations her

21
00:01:11,590 --> 00:01:09,520
expertise in spacesuit design opened our

22
00:01:13,750 --> 00:01:11,600
eyes to just how important it is to pay

23
00:01:15,429 --> 00:01:13,760
attention to detail the lander project

24
00:01:17,030 --> 00:01:15,439
brought out our individual skill sets

25
00:01:18,710 --> 00:01:17,040
and emphasized how teamwork is one of

26
00:01:45,749 --> 00:01:18,720
the most important factors in bringing

27
00:01:49,510 --> 00:01:46,950
we designed our rover to be as

28
00:01:51,270 --> 00:01:49,520
inexpensive yet efficient as possible we

29
00:01:53,350 --> 00:01:51,280
used an ultrasonic sensor for rock

30
00:01:54,950 --> 00:01:53,360
detection and a sound sensor for clap

31
00:01:56,950 --> 00:01:54,960
control of the rover

32
00:01:58,789 --> 00:01:56,960
we chose to collect mostly water packets

33
00:02:03,590 --> 00:01:58,799
because they're small light and easy to

34
00:02:07,830 --> 00:02:05,510
in addition we were privileged to hear

35
00:02:09,350 --> 00:02:07,840
from norm chaffey a rocket scientist who

36
00:02:11,110 --> 00:02:09,360
was part of the team who designed the

37
00:02:13,190 --> 00:02:11,120
saturn v rocket we were given the

38
00:02:15,510 --> 00:02:13,200

opportunity to hear how the saturn v

39
00:02:17,990 --> 00:02:15,520
rocket works by a man who helped design

40
00:02:20,309 --> 00:02:18,000
it while in front of the rocket itself

41
00:02:22,550 --> 00:02:20,319
we contacted tiffany armstrong a legal

42
00:02:24,309 --> 00:02:22,560
advisor for nasa miss armstrong gave us

43
00:02:26,309 --> 00:02:24,319
guidance in the details of our budget

44
00:02:28,309 --> 00:02:26,319
plan as well as any political issues

45
00:02:29,670 --> 00:02:28,319
that may occur during the international

46
00:02:31,589 --> 00:02:29,680
mission

47
00:02:33,589 --> 00:02:31,599
at the beginning of the week our team

48
00:02:35,910 --> 00:02:33,599
was faced with the task of designing a

49
00:02:38,630 --> 00:02:35,920
tool that would repair and iss cooling

50
00:02:41,110 --> 00:02:38,640
system the design we created became a

51
00:02:42,790 --> 00:02:41,120
reality with the use of a 3d printer

52
00:02:44,710 --> 00:02:42,800
milton heflin's life lessons have taught

53
00:02:46,710 --> 00:02:44,720
us to follow our dreams and inspire

54
00:02:53,750 --> 00:02:46,720
others along the way no matter what you