



1
00:00:04,550 --> 00:00:02,950
welcome we are the blue team of the high

2
00:00:06,710 --> 00:00:04,560
school aerospace scholars and this is

3
00:00:08,470 --> 00:00:06,720
our team patch

4
00:00:10,070 --> 00:00:08,480
this is our very first group photo that

5
00:00:13,910 --> 00:00:10,080
we took together on our first day in our

6
00:00:17,910 --> 00:00:15,669
this week our team has learned that

7
00:00:20,150 --> 00:00:17,920
teamwork is very important without

8
00:00:21,590 --> 00:00:20,160
teamwork this past week none of our

9
00:00:23,750 --> 00:00:21,600
goals and tasks would have been

10
00:00:26,070 --> 00:00:23,760
accomplished teamwork is what kept our

11
00:00:28,070 --> 00:00:26,080
team together as a whole in the future

12
00:00:29,589 --> 00:00:28,080
teamwork will get us the success and

13
00:00:33,350 --> 00:00:29,599

accomplishment we strive for it in

14

00:00:36,470 --> 00:00:34,950

we had to build the rover that moved

15

00:00:38,069 --> 00:00:36,480

around and moved certain water samples

16

00:00:39,430 --> 00:00:38,079

pick up rock samples

17

00:00:41,030 --> 00:00:39,440

we also held to build a lander that

18

00:00:42,630 --> 00:00:41,040

simulated coming back into earth and

19

00:00:44,150 --> 00:00:42,640

landing we had to keep our astronaut or

20

00:00:45,430 --> 00:00:44,160

an egg alive the entire time and if we

21

00:00:47,110 --> 00:00:45,440

didn't it was a huge penalty and we'd

22

00:00:49,750 --> 00:00:47,120

essentially lose the week that was

23

00:00:51,830 --> 00:00:49,760

rather stressful

24

00:00:53,270 --> 00:00:51,840

our survived pretty well it did very

25

00:00:54,869 --> 00:00:53,280

well i think we did very well at least

26
00:00:57,029 --> 00:00:54,879
in my opinion and it was very good rover

27
00:00:59,029 --> 00:00:57,039
very cheap very effective good use of

28
00:01:00,790 --> 00:00:59,039
resources

29
00:01:03,110 --> 00:01:00,800
the thing i enjoyed most about this week

30
00:01:05,429 --> 00:01:03,120
and my team was meeting new people like

31
00:01:07,670 --> 00:01:05,439
our team is so diverse and has so many

32
00:01:09,830 --> 00:01:07,680
skill sets it's crazy like some people

33
00:01:11,990 --> 00:01:09,840
are artists and they're really good at

34
00:01:13,750 --> 00:01:12,000
really creative with movie making skills

35
00:01:15,830 --> 00:01:13,760
and others are really great future

36
00:01:17,910 --> 00:01:15,840
engineers that already have a background

37
00:01:19,350 --> 00:01:17,920
in robotics and stuff so it's really

38
00:01:21,190 --> 00:01:19,360

cool to see a bunch of people come

39

00:01:23,429 --> 00:01:21,200

together for a week and working on a

40

00:01:25,749 --> 00:01:23,439

project and then just working together

41

00:01:29,670 --> 00:01:25,759

towards one common goal and it's really

42

00:01:32,870 --> 00:01:31,510

meeting with mr lani in the historic

43

00:01:34,390 --> 00:01:32,880

mission control was a really neat

44

00:01:36,230 --> 00:01:34,400

experience because we got to see both

45

00:01:37,910 --> 00:01:36,240

the history that was made back in the

46

00:01:39,590 --> 00:01:37,920

day but also then we got to go and see

47

00:01:42,630 --> 00:01:39,600

the iss mission control and see how

48

00:01:44,710 --> 00:01:42,640

they're using those things now

49

00:01:47,510 --> 00:01:44,720

this week we interviewed cody kelly who

50

00:01:49,350 --> 00:01:47,520

was one of our mentors this week as well

51
00:01:51,749 --> 00:01:49,360
as one of nasa's student engineers and

52
00:01:55,190 --> 00:01:51,759
he is working with the new spacesuit

53
00:02:00,230 --> 00:01:58,069
which is like a planetary suit for mars

54
00:02:02,630 --> 00:02:00,240
and they and they work by the way that

55
00:02:03,830 --> 00:02:02,640
the the fabric is patterned as well as

56
00:02:06,069 --> 00:02:03,840
the way

57
00:02:08,309 --> 00:02:06,079
that we have like metal bearings in the

58
00:02:10,389 --> 00:02:08,319
arms and the shoulders and the legs they

59
00:02:12,550 --> 00:02:10,399
allow the body to move

60
00:02:14,390 --> 00:02:12,560
more naturally he really helped us with

61
00:02:20,070 --> 00:02:14,400
the design of the spacesuits for our

62
00:02:24,949 --> 00:02:23,430
be like no kidding the age of you guys

63
00:02:26,229 --> 00:02:24,959

in high school

64

00:02:28,309 --> 00:02:26,239

will be the ones that will be in

65

00:02:29,910 --> 00:02:28,319

astronaut office when we go to mars so

66

00:02:31,589 --> 00:02:29,920

some of your ideas now even though it's

67

00:02:32,790 --> 00:02:31,599

may sound far fetched and stuff could

68

00:02:36,390 --> 00:02:32,800

actually be

69

00:02:38,229 --> 00:02:36,400

implemented and some of you folks might

70

00:02:39,830 --> 00:02:38,239

actually see it firsthand come work here

71

00:02:41,910 --> 00:02:39,840

as in any department yeah once you're

72

00:02:44,070 --> 00:02:41,920

when you're training for a space station

73

00:02:45,270 --> 00:02:44,080

mission the most important thing is how

74

00:02:47,589 --> 00:02:45,280

do you react

75

00:02:49,030 --> 00:02:47,599

when something goes wrong and as you

76

00:02:51,509 --> 00:02:49,040

guys are preparing your missions you

77

00:02:54,229 --> 00:02:51,519

want to be able to think about that

78

00:02:56,309 --> 00:02:54,239

i encourage you to think about

79

00:03:00,949 --> 00:02:56,319

the autonomy of the crew versus the

80

00:03:00,959 --> 00:03:06,550

okay so

81

00:03:10,949 --> 00:03:08,149

basically

82

00:03:13,190 --> 00:03:10,959

we say look after one failure

83

00:03:15,430 --> 00:03:13,200

i could have to handle one failure

84

00:03:16,630 --> 00:03:15,440

and and be able to

85

00:03:18,470 --> 00:03:16,640

uh

86

00:03:20,070 --> 00:03:18,480

be able to go home i should be able to

87

00:03:22,630 --> 00:03:20,080

handle two failures

88

00:03:27,030 --> 00:03:22,640

and be able to be alive that's the basic

89

00:03:31,830 --> 00:03:29,509

this is each team and their presentation

90

00:03:33,830 --> 00:03:31,840

great team covered budget landing site

91

00:03:36,229 --> 00:03:33,840

and communication

92

00:03:39,750 --> 00:03:36,239

red team covered risk prototyping and

93

00:03:50,149 --> 00:03:42,149

white team covered habitat plant growth

94

00:03:56,949 --> 00:03:53,190

the blue team covered exploration space

95

00:04:02,789 --> 00:04:00,390

blue team count off one two three