



1  
00:00:13,589 --> 00:00:11,669  
hi everyone this is heather paul and i'm

2  
00:00:15,509 --> 00:00:13,599  
outside of flagstaff arizona with the

3  
00:00:17,910 --> 00:00:15,519  
desert research and technology studies

4  
00:00:19,750 --> 00:00:17,920  
team with nasa we have a lot of amazing

5  
00:00:22,070 --> 00:00:19,760  
stuff going on that's leading to the

6  
00:00:24,230 --> 00:00:22,080  
future of exploration as nasa goes back

7  
00:00:26,310 --> 00:00:24,240  
to the moon and on to mars now let's

8  
00:00:29,349 --> 00:00:26,320  
check out what's happening behind me

9  
00:00:32,150 --> 00:00:29,359  
hey mj what's going on

10  
00:00:34,709 --> 00:00:32,160  
hey heather so i'm just here trying to

11  
00:00:36,630 --> 00:00:34,719  
retrofit these um this reinforcement

12  
00:00:38,709 --> 00:00:36,640  
basically in the containers and what

13  
00:00:41,350 --> 00:00:38,719

you're seeing here is us trying to

14

00:00:42,630 --> 00:00:41,360

convert basically think of your luggage

15

00:00:44,549 --> 00:00:42,640

that you travel with we're trying to

16

00:00:46,549 --> 00:00:44,559

convert it into drawers for you so how

17

00:00:47,990 --> 00:00:46,559

cool would that be that would be awesome

18

00:00:49,750 --> 00:00:48,000

i could have actually used that on my

19

00:00:52,069 --> 00:00:49,760

trip here in fact so tell me a little

20

00:00:53,590 --> 00:00:52,079

bit about the structure here so this is

21

00:00:55,670 --> 00:00:53,600

basically a

22

00:00:56,549 --> 00:00:55,680

mock-up that we are doing for the geo

23

00:00:58,069 --> 00:00:56,559

lab

24

00:01:00,790 --> 00:00:58,079

basically we're going to have geologists

25

00:01:02,709 --> 00:01:00,800

here trying to test rocks and samples of

26  
00:01:04,469 --> 00:01:02,719  
that nature so this is what we're trying

27  
00:01:07,030 --> 00:01:04,479  
to fit right now and

28  
00:01:08,789 --> 00:01:07,040  
soon enough this is going to be a full

29  
00:01:10,710 --> 00:01:08,799  
operating fully operating

30  
00:01:13,030 --> 00:01:10,720  
laboratory that's great i can't wait to

31  
00:01:15,030 --> 00:01:13,040  
see that well i hear you're a student

32  
00:01:16,789 --> 00:01:15,040  
yes i am i'm a graduate student at amber

33  
00:01:18,630 --> 00:01:16,799  
riddle awesome well how did you get so

34  
00:01:21,270 --> 00:01:18,640  
lucky to come out here i started

35  
00:01:23,429 --> 00:01:21,280  
co-oping at ksc the kennedy space center

36  
00:01:25,350 --> 00:01:23,439  
about three years ago so this is my

37  
00:01:27,510 --> 00:01:25,360  
fourth rotation and i was fortunate

38  
00:01:30,149 --> 00:01:27,520

enough to meet dr howard and asked if i

39

00:01:32,630 --> 00:01:30,159

could come so here i am do you feel like

40

00:01:34,310 --> 00:01:32,640

lucky i mean oh super lucky i'm the

41

00:01:36,230 --> 00:01:34,320

coolest person on the block right now

42

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

nice so what are you studying systems

43

00:01:40,390 --> 00:01:37,920

engineering i did my undergrad as a

44

00:01:42,469 --> 00:01:40,400

human factors major and now i'm doing my

45

00:01:44,469 --> 00:01:42,479

graduate studies as a systems engineer

46

00:01:47,590 --> 00:01:44,479

so how does being a systems engineer and

47

00:01:49,030 --> 00:01:47,600

a human factors person fit into this

48

00:01:51,429 --> 00:01:49,040

basically i'm trying to fit the

49

00:01:53,030 --> 00:01:51,439

technology to the human instead of the

50

00:01:54,550 --> 00:01:53,040

other way around so we're trying to make

51  
00:01:56,310 --> 00:01:54,560  
sure that the astronauts and all the

52  
00:01:57,670 --> 00:01:56,320  
people we're sending to the moon are

53  
00:01:59,830 --> 00:01:57,680  
going to be comfortable working in this

54  
00:02:01,109 --> 00:01:59,840  
environment very cool well mj good luck

55  
00:02:03,190 --> 00:02:01,119  
with everything thank you can't wait to

56  
00:02:04,630 --> 00:02:03,200  
see you guys in action yes thank you