



1  
00:00:01,030 --> 00:00:05,829

[Music]

2  
00:00:09,830 --> 00:00:07,829

today we are having a boys night in

3  
00:00:11,830 --> 00:00:09,840

where we've invited a number of students

4  
00:00:13,669 --> 00:00:11,840

from various schools in the maryland

5  
00:00:15,589 --> 00:00:13,679

virginia area to come in

6  
00:00:18,310 --> 00:00:15,599

spend the night learning about science

7  
00:00:20,710 --> 00:00:18,320

technology engineering and math

8  
00:00:23,189 --> 00:00:20,720

this evening i've come in to meet some

9  
00:00:25,589 --> 00:00:23,199

very enthusiastic young men

10  
00:00:28,150 --> 00:00:25,599

who are interested in stem

11  
00:00:30,230 --> 00:00:28,160

which is what i'm interested in

12  
00:00:32,470 --> 00:00:30,240

what we'd like to do is share our love

13  
00:00:33,990 --> 00:00:32,480

and passion for what we do here at nasa

14

00:00:35,590 --> 00:00:34,000

with these students

15

00:00:37,350 --> 00:00:35,600

whether they come and work for us work

16

00:00:39,270 --> 00:00:37,360

for industry or work in the private

17

00:00:41,190 --> 00:00:39,280

sector somewhere else we want them to

18

00:00:42,869 --> 00:00:41,200

find that passion we want them to enjoy

19

00:00:45,670 --> 00:00:42,879

what we've enjoyed over the years here

20

00:00:47,190 --> 00:00:45,680

at nasa so there's students from three

21

00:00:49,430 --> 00:00:47,200

school districts here in maryland and

22

00:00:51,350 --> 00:00:49,440

one from virginia

23

00:00:53,830 --> 00:00:51,360

we came and saw the different like

24

00:00:56,869 --> 00:00:53,840

sections of engineering from building

25

00:00:59,270 --> 00:00:56,879

telescopes to weathering we used the vr

26  
00:01:01,750 --> 00:00:59,280  
system i saw how space communications

27  
00:01:03,270 --> 00:01:01,760  
work it was just a very fun day and what

28  
00:01:05,350 --> 00:01:03,280  
i liked about the day is we actually got

29  
00:01:06,870 --> 00:01:05,360  
to meet the people who do stuff here and

30  
00:01:08,710 --> 00:01:06,880  
they were helpful enough to actually

31  
00:01:10,950 --> 00:01:08,720  
lead us through the stuff that they do

32  
00:01:13,030 --> 00:01:10,960  
and like give us opportunities to look

33  
00:01:15,670 --> 00:01:13,040  
into their daily lives and what the work

34  
00:01:17,830 --> 00:01:15,680  
they do here is later we got to watch

35  
00:01:20,070 --> 00:01:17,840  
the interview from the astronaut which

36  
00:01:22,230 --> 00:01:20,080  
is really interesting if you go back and

37  
00:01:25,270 --> 00:01:22,240  
you look at any of us when we were kids

38  
00:01:28,310 --> 00:01:25,280

we were excited by things that

39

00:01:31,030 --> 00:01:28,320

were risky and scary and and very few

40

00:01:33,350 --> 00:01:31,040

had done before but what it does then is

41

00:01:35,590 --> 00:01:33,360

is get you ready for the next

42

00:01:37,670 --> 00:01:35,600

journey and that's what we're hoping to

43

00:01:39,670 --> 00:01:37,680

excite these young men this evening to

44

00:01:42,310 --> 00:01:39,680

get on that journey and do things that

45

00:01:44,469 --> 00:01:42,320

no one's done before

46

00:01:46,630 --> 00:01:44,479

sometimes students confuse hard and

47

00:01:48,710 --> 00:01:46,640

impossible what we want to do is show

48

00:01:50,230 --> 00:01:48,720

those are not the same things just

49

00:01:52,310 --> 00:01:50,240

because it's hard doesn't mean we can't

50

00:01:54,550 --> 00:01:52,320

do it and i found that when you excite

51  
00:01:55,990 --> 00:01:54,560  
somebody's passion almost everything

52  
00:01:57,590 --> 00:01:56,000  
gets a little easier and that's what

53  
00:01:59,830 --> 00:01:57,600  
they excel at

54  
00:02:01,590 --> 00:01:59,840  
they gave us a problem we have to build

55  
00:02:04,069 --> 00:02:01,600  
the robot

56  
00:02:06,230 --> 00:02:04,079  
it has to travel at least one meter

57  
00:02:08,309 --> 00:02:06,240  
basically we have a

58  
00:02:10,389 --> 00:02:08,319  
space crew and we have to protect them

59  
00:02:12,070 --> 00:02:10,399  
from the radiation which is shown by uv

60  
00:02:15,030 --> 00:02:12,080  
light and we also have to make the

61  
00:02:17,350 --> 00:02:15,040  
shuttle move a whole meter off of a ramp

62  
00:02:19,270 --> 00:02:17,360  
so it's not easy but we can do it

63  
00:02:21,830 --> 00:02:19,280

so the benefit for me is to have those

64

00:02:24,070 --> 00:02:21,840

students be my next pool of really smart

65

00:02:25,830 --> 00:02:24,080

and amazing people so i want to bring as

66

00:02:28,390 --> 00:02:25,840

many of them in as i can to do the

67

00:02:30,070 --> 00:02:28,400

amazing things we do here at nasa i want

68

00:02:32,390 --> 00:02:30,080

to become a mechanical engineer once i

69

00:02:34,390 --> 00:02:32,400

graduate high school so i communicated

70

00:02:36,150 --> 00:02:34,400

with a lot of other engineers i also

71

00:02:38,390 --> 00:02:36,160

talked to people who worked at nasa

72

00:02:39,990 --> 00:02:38,400

about internships which can also make my

73

00:02:42,390 --> 00:02:40,000

resume look better for when i graduate

74

00:02:44,710 --> 00:02:42,400

college so today was all in all a great

75

00:02:47,430 --> 00:02:44,720

experience for me my love for

76

00:02:48,309 --> 00:02:47,440

engineering has increased from before

77

00:02:50,229 --> 00:02:48,319

and

78

00:02:51,910 --> 00:02:50,239

i think this is just a great program for

79

00:02:53,430 --> 00:02:51,920

all students and i didn't realize how

80

00:02:55,589 --> 00:02:53,440

many different parts go into nas just

81

00:02:57,910 --> 00:02:55,599

besides the engineering i can really see

82

00:02:59,750 --> 00:02:57,920

how like the business side of it the

83

00:03:00,949 --> 00:02:59,760

research the outsourcing there's so many

84

00:03:03,030 --> 00:03:00,959

different components that come in

85

00:03:04,630 --> 00:03:03,040

together when making an entire team

86

00:03:06,470 --> 00:03:04,640

which is really interesting

87

00:03:08,390 --> 00:03:06,480

well what struck me is though like the

88

00:03:09,990 --> 00:03:08,400

stuff that they're doing here at nasa is

89

00:03:12,070 --> 00:03:10,000

actually really involved and it's like

90

00:03:14,550 --> 00:03:12,080

it's not just science and technology

91

00:03:16,550 --> 00:03:14,560

it's stuff you can apply to every aspect

92

00:03:19,030 --> 00:03:16,560

of like any career you do

93

00:03:22,550 --> 00:03:19,040

for goddard it helps us

94

00:03:23,830 --> 00:03:22,560

to see the excitement and the enthusiasm

95

00:03:26,470 --> 00:03:23,840

of the

96

00:03:29,190 --> 00:03:26,480

newer generations next generations of

97

00:03:31,750 --> 00:03:29,200

scientists and explorers and hopefully

98

00:03:32,869 --> 00:03:31,760

to inspire them so they will come here

99

00:03:34,710 --> 00:03:32,879

and if they don't come here they'll go

100

00:03:37,020 --> 00:03:34,720

into other areas and make our nation and

101

00:03:39,100 --> 00:03:37,030

our world a better place