



1
00:00:25,589 --> 00:00:23,750
one of the reasons that i love the space

2
00:00:27,830 --> 00:00:25,599
program is because i think

3
00:00:30,230 --> 00:00:27,840
we as human beings are explorers by

4
00:00:32,150 --> 00:00:30,240
nature and i think it's so essential to

5
00:00:33,830 --> 00:00:32,160
to our culture and our experience as

6
00:00:35,830 --> 00:00:33,840
human beings to be exploring things that

7
00:00:37,430 --> 00:00:35,840
have not been explored before

8
00:00:39,190 --> 00:00:37,440
i think space really is the last

9
00:00:40,549 --> 00:00:39,200
frontier and i think it's something

10
00:00:41,910 --> 00:00:40,559
within the human spirit that's so

11
00:00:44,950 --> 00:00:41,920
exciting about going someplace we

12
00:00:46,709 --> 00:00:44,960
haven't been before

13
00:00:48,549 --> 00:00:46,719

don't ever limit yourself if i had to

14

00:00:50,869 --> 00:00:48,559

tell if somebody told me that i could

15

00:00:52,549 --> 00:00:50,879

never be at nasa because of i'm not

16

00:00:54,470 --> 00:00:52,559

smart enough whatever else

17

00:00:56,950 --> 00:00:54,480

i think that's a false belief because

18

00:00:58,950 --> 00:00:56,960

actually i'm from ethiopia

19

00:01:00,310 --> 00:00:58,960

you know i remember when i was

20

00:01:02,069 --> 00:01:00,320

eight years old

21

00:01:03,910 --> 00:01:02,079

looking at the sky even just leaving the

22

00:01:07,510 --> 00:01:03,920

country was a dream

23

00:01:09,750 --> 00:01:07,520

uh but the the point is i never stopped

24

00:01:10,789 --> 00:01:09,760

believing i always focused on my dreams

25

00:01:13,670 --> 00:01:10,799

uh but

26
00:01:16,870 --> 00:01:13,680
in the end you know i never gave up that

27
00:01:19,429 --> 00:01:16,880
dream and i kept working hard

28
00:01:20,630 --> 00:01:19,439
i actually never dreamed of coming to

29
00:01:22,390 --> 00:01:20,640
nasa

30
00:01:24,710 --> 00:01:22,400
i almost didn't even know anybody had

31
00:01:26,230 --> 00:01:24,720
ever gone to college growing up so it

32
00:01:29,429 --> 00:01:26,240
wasn't something that i thought i would

33
00:01:31,990 --> 00:01:29,439
end up at um it was more of that when i

34
00:01:32,950 --> 00:01:32,000
started going to school i really

35
00:01:34,870 --> 00:01:32,960
loved

36
00:01:36,789 --> 00:01:34,880
learning and

37
00:01:38,789 --> 00:01:36,799
i had parents that even though they

38
00:01:41,350 --> 00:01:38,799

hadn't gone to college

39

00:01:44,149 --> 00:01:41,360

really loved learning and and pushed me

40

00:01:46,149 --> 00:01:44,159

to do as much as i could and so i worked

41

00:01:47,830 --> 00:01:46,159

really hard in high school and ended up

42

00:01:50,950 --> 00:01:47,840

getting a scholarship where they pay for

43

00:01:53,030 --> 00:01:50,960

me to go to school and once i was in

44

00:01:55,429 --> 00:01:53,040

school and i started looking at jobs i

45

00:01:57,109 --> 00:01:55,439

realized that nasa hired

46

00:01:59,109 --> 00:01:57,119

normal people

47

00:02:01,990 --> 00:01:59,119

before i always thought that geniuses

48

00:02:03,510 --> 00:02:02,000

only came to work at nasa and so

49

00:02:05,510 --> 00:02:03,520

when i realized that it was something

50

00:02:07,429 --> 00:02:05,520

that i could actually do

51
00:02:09,109 --> 00:02:07,439
that's where i thought you know what

52
00:02:10,550 --> 00:02:09,119
this is somewhere i'd want to work this

53
00:02:13,030 --> 00:02:10,560
is somewhere where i would go home every

54
00:02:14,390 --> 00:02:13,040
day and be excited and proud of what i

55
00:02:16,550 --> 00:02:14,400
did

56
00:02:18,470 --> 00:02:16,560
it's about being incremental that it's

57
00:02:19,750 --> 00:02:18,480
about getting through junior high and

58
00:02:21,670 --> 00:02:19,760
then getting through high school and

59
00:02:23,350 --> 00:02:21,680
applying to go to college and getting

60
00:02:25,190 --> 00:02:23,360
through college and then considering

61
00:02:27,670 --> 00:02:25,200
going to graduate school or get to go

62
00:02:29,589 --> 00:02:27,680
and do a technical job or come directly

63
00:02:31,509 --> 00:02:29,599

out here and work through an internship

64

00:02:34,869 --> 00:02:31,519

that it's all these incremental steps

65

00:02:36,550 --> 00:02:34,879

the people out here are as incredible

66

00:02:37,270 --> 00:02:36,560

as i'd always imagined that they would

67

00:02:40,229 --> 00:02:37,280

be

68

00:02:42,309 --> 00:02:40,239

but but what i tell people is that

69

00:02:44,070 --> 00:02:42,319

you can be one of those people you can

70

00:02:46,070 --> 00:02:44,080

be one of the folks that works out here

71

00:02:48,390 --> 00:02:46,080

that's just as smart and just as well

72

00:02:50,150 --> 00:02:48,400

respected and it's all about setting

73

00:02:52,630 --> 00:02:50,160

your sight on what the next goal is and

74

00:02:54,550 --> 00:02:52,640

then attaining it and and it's as simple

75

00:02:56,550 --> 00:02:54,560

as that it's going out working hard and

76

00:02:59,270 --> 00:02:56,560

making it happen and it's a rewarding

77

00:03:01,030 --> 00:02:59,280

way to go through life

78

00:03:02,790 --> 00:03:01,040

i believe the space program demonstrates

79

00:03:04,229 --> 00:03:02,800

the best of what humans are capable of

80

00:03:05,430 --> 00:03:04,239

and we're capable of more than we ever

81

00:03:07,589 --> 00:03:05,440

imagined

82

00:03:09,589 --> 00:03:07,599

and the more we explore and learn about

83

00:03:14,470 --> 00:03:09,599

the world around us the more we learn

84

00:03:19,670 --> 00:03:16,309

when i look out at the stars and i look

85

00:03:22,229 --> 00:03:19,680

out at the moon it just makes me wonder

86

00:03:24,229 --> 00:03:22,239

what's out there and i i think what we

87

00:03:27,030 --> 00:03:24,239

do here at nasa is

88

00:03:28,470 --> 00:03:27,040

we explore we find out what's out there

89

00:03:31,030 --> 00:03:28,480

and

90

00:03:34,229 --> 00:03:31,040

that that is that's such a

91

00:03:36,149 --> 00:03:34,239

great thing it's not only motivational

92

00:03:37,670 --> 00:03:36,159

and inspirational but there's been so

93

00:03:39,589 --> 00:03:37,680

many contributions from the work that

94

00:03:41,990 --> 00:03:39,599

nasa has done that has benefited not

95

00:03:46,149 --> 00:03:42,000

only american life but

96

00:03:51,110 --> 00:03:47,910

what i try not to tell students is that

97

00:03:53,190 --> 00:03:51,120

everybody has to work for nasa i i or

98

00:03:55,750 --> 00:03:53,200

that everybody has to you know be a

99

00:03:57,990 --> 00:03:55,760

mathematician what i encourage students

100

00:03:58,869 --> 00:03:58,000

to do is to

101
00:04:08,869 --> 00:03:58,879
not

102
00:04:13,670 --> 00:04:08,879
truly

103
00:04:15,750 --> 00:04:13,680
passion for it

104
00:04:17,349 --> 00:04:15,760
in whatever endeavor that you do to make

105
00:04:20,789 --> 00:04:17,359
sure that you like it

106
00:04:23,350 --> 00:04:20,799
i loved math and science i loved

107
00:04:25,590 --> 00:04:23,360
engineering and i love what i do and it

108
00:04:28,710 --> 00:04:25,600
may or may not work for everybody

109
00:04:32,870 --> 00:04:28,720
but give it a chance you know don't be