



ASTRONAUT

KATE RUBINS



1
00:00:00,400 --> 00:00:10,549

[Music]

2
00:00:12,709 --> 00:00:11,749

people ask you when you're a kid hey

3
00:00:15,030 --> 00:00:12,719

what do you want to be when you

4
00:00:18,150 --> 00:00:15,040

grow up and i said i want to be an

5
00:00:19,830 --> 00:00:18,160

astronaut a biologist and a geologist

6
00:00:23,509 --> 00:00:19,840

so you know when you're five this seems

7
00:00:27,509 --> 00:00:25,750

studying microbiology on station is very

8
00:00:28,790 --> 00:00:27,519

similar to the earth except for your

9
00:00:30,710 --> 00:00:28,800

floating

10
00:00:32,630 --> 00:00:30,720

you may be doing the same experiment but

11
00:00:34,069 --> 00:00:32,640

you're conducting it on the ceiling

12
00:00:36,150 --> 00:00:34,079

because that's a convenient place to

13
00:00:37,750 --> 00:00:36,160

work

14

00:00:40,229 --> 00:00:37,760

we're studying things like sequencing

15

00:00:40,869 --> 00:00:40,239

dna what happens to the human body in

16

00:00:47,990 --> 00:00:40,879

space

17

00:00:50,869 --> 00:00:48,000

i get really excited about things and

18

00:00:52,869 --> 00:00:50,879

something about viruses about biology

19

00:00:57,910 --> 00:00:52,879

i'm totally fascinated by it and i want

20

00:00:59,830 --> 00:00:57,920

to get up and go work on this every day

21

00:01:00,310 --> 00:00:59,840

became the first person to sequence dna

22

00:01:01,990 --> 00:01:00,320

in space

23

00:01:03,910 --> 00:01:02,000

the addition of nasa astronaut kate

24

00:01:04,549 --> 00:01:03,920

rubins these three are about to be in

25

00:01:06,469 --> 00:01:04,559

the first

26

00:01:08,149 --> 00:01:06,479

planned two-orbit flight to the

27

00:01:09,190 --> 00:01:08,159

international space station with humans

28

00:01:12,230 --> 00:01:09,200

on board

29

00:01:15,350 --> 00:01:12,240

space is both a place that is like this

30

00:01:17,990 --> 00:01:15,360

far off almost fantastical thing that

31

00:01:19,990 --> 00:01:18,000

you think about people dream about

32

00:01:21,429 --> 00:01:20,000

but then on the other hand to me it's

33

00:01:23,030 --> 00:01:21,439

it's a home

34

00:01:24,950 --> 00:01:23,040

i've been there i've lived there for six

35

00:01:27,109 --> 00:01:24,960

months now i have friends there

36

00:01:28,070 --> 00:01:27,119

i'm looking forward to going back there

37

00:01:29,670 --> 00:01:28,080

like you would

38

00:01:31,670 --> 00:01:29,680

look forward to visiting an old

39

00:01:33,990 --> 00:01:31,680

apartment

40

00:01:35,510 --> 00:01:34,000

the moon is an incredible destination we

41

00:01:35,990 --> 00:01:35,520

have been there but we were there for

42

00:01:39,350 --> 00:01:36,000

such

43

00:01:42,630 --> 00:01:39,360

a brief period of time apollo

44

00:01:44,630 --> 00:01:42,640

it united the world and so to think

45

00:01:46,069 --> 00:01:44,640

you know when we're having dark times to

46

00:01:48,469 --> 00:01:46,079

think of the fact that we might

47

00:01:49,350 --> 00:01:48,479

have people on the planet able to look

48

00:01:51,030 --> 00:01:49,360

up

49

00:01:52,230 --> 00:01:51,040

and know that there's humans on the moon

50

00:01:52,870 --> 00:01:52,240

and that we've done this as a joint

51
00:01:56,389 --> 00:01:52,880
international

52
00:01:59,109 --> 00:01:56,399
collaboration i can't even describe what

53
00:02:00,789 --> 00:01:59,119
kinds of the benefits that might be

54
00:02:03,190 --> 00:02:00,799
both for our partnerships in the world

55
00:02:05,190 --> 00:02:03,200
and just for joy and inspiration in

56
00:02:07,030 --> 00:02:05,200
people's everyday lives

57
00:02:08,869 --> 00:02:07,040
less than 10 minutes away from today's

58
00:02:10,630 --> 00:02:08,879
launch this is kate rubin

59
00:02:12,869 --> 00:02:10,640
celebrating her birthday with a launch

60
00:02:14,949 --> 00:02:12,879
to the international space station

61
00:02:16,390 --> 00:02:14,959
i think if i was going to talk to my

62
00:02:18,790 --> 00:02:16,400
younger self i would say

63
00:02:20,309 --> 00:02:18,800

don't be so stressed out about what

64

00:02:21,830 --> 00:02:20,319

you're doing at the moment

65

00:02:23,430 --> 00:02:21,840

because it's such an honor to be a

66

00:02:26,550 --> 00:02:23,440

scientist and

67

00:02:36,869 --> 00:02:26,560

to be an astronaut just enjoy what

68

00:02:38,710 --> 00:02:36,879

you're doing every day

69

00:02:40,710 --> 00:02:38,720

if you enjoyed this video and would like

70

00:02:43,110 --> 00:02:40,720

to see more nasa content