

1
00:00:04,130 --> 00:00:02,240
as astronauts we get a lot of great fan

2
00:00:06,170 --> 00:00:04,140
mail and we get a lot of great questions

3
00:00:08,030 --> 00:00:06,180
but because our training schedules are

4
00:00:10,459 --> 00:00:08,040
so rigorous we don't get a lot of time

5
00:00:12,820 --> 00:00:10,469
to respond I just got back from space so

6
00:00:14,749 --> 00:00:12,830
there's a bunch I need to catch up on

7
00:00:21,590 --> 00:00:14,759
you never know what treasures are

8
00:00:23,540 --> 00:00:21,600
contained within these envelopes oh this

9
00:00:26,540 --> 00:00:23,550
is awesome this is a thank-you note so I

10
00:00:28,279 --> 00:00:26,550
sent him a picture and he wrote back

11
00:00:30,140 --> 00:00:28,289
that he's nine years old favorite planet

12
00:00:32,600 --> 00:00:30,150
is Jupiter and his favorite food is

13
00:00:34,370 --> 00:00:32,610

pizza so we have a lot in common I used

14

00:00:36,170 --> 00:00:34,380

to think that Saturn was my favorite

15

00:00:38,389 --> 00:00:36,180

planet until I left the earth and got to

16

00:00:40,700 --> 00:00:38,399

look back at it and then it just changed

17

00:00:42,470 --> 00:00:40,710

my perspective completely Earth is a gem

18

00:00:47,270 --> 00:00:42,480

in our solar system and it is definitely

19

00:00:51,049 --> 00:00:47,280

my favorite planet go NASA rocket the

20

00:00:53,750 --> 00:00:51,059

earth and there we are on the moon 2020

21

00:00:56,720 --> 00:00:53,760

for dear NASA my name is Gabriel hi

22

00:00:58,430 --> 00:00:56,730

Gabriel and Gabriel asks how did you

23

00:00:59,869 --> 00:00:58,440

become an astronaut that's a great

24

00:01:02,599 --> 00:00:59,879

question Gabriel and the answer is

25

00:01:04,640 --> 00:01:02,609

pretty simple I just applied online when

26

00:01:07,429 --> 00:01:04,650

the applications opened two years ago I

27

00:01:09,260 --> 00:01:07,439

was in graduate school still but I met

28

00:01:11,960 --> 00:01:09,270

the basic requirements which are you

29

00:01:13,850 --> 00:01:11,970

need a degree in a stem field so science

30

00:01:15,530 --> 00:01:13,860

technology engineering or math and then

31

00:01:17,030 --> 00:01:15,540

a couple years of experience after that

32

00:01:19,490 --> 00:01:17,040

you'll never get the job if you don't

33

00:01:21,920 --> 00:01:19,500

apply can you do a backflip in space

34

00:01:23,359 --> 00:01:21,930

Leslie you can do amazing backflips in

35

00:01:24,830 --> 00:01:23,369

space in fact you can do many and many

36

00:01:26,749 --> 00:01:24,840

and many in a row and we have

37

00:01:28,429 --> 00:01:26,759

competitions to see how many you can do

38

00:01:28,940 --> 00:01:28,439

before you crash into the wall and lose

39

00:01:31,640 --> 00:01:28,950

control

40

00:01:33,260 --> 00:01:31,650

hi NASA today I was wondering if you

41

00:01:33,679 --> 00:01:33,270

could give this letter to Jeanette J

42

00:01:37,069 --> 00:01:33,689

apps

43

00:01:38,840 --> 00:01:37,079

I got it Lola have you seen a black hole

44

00:01:41,510 --> 00:01:38,850

I have not seen a black hole and I'm

45

00:01:43,760 --> 00:01:41,520

hoping that I don't ever see one only

46

00:01:46,249 --> 00:01:43,770

through telescopes and different means

47

00:01:48,499 --> 00:01:46,259

that we have to see them so we never fly

48

00:01:50,330 --> 00:01:48,509

near them because a black hole the

49

00:01:52,760 --> 00:01:50,340

gravity is so great it'll pull us in I

50

00:01:55,700 --> 00:01:52,770

think it looks like me it even has the

51
00:01:56,959 --> 00:01:55,710
details of our EMU our spacesuit I like

52
00:01:58,429 --> 00:01:56,969
this it's on my wall

53
00:02:00,440 --> 00:01:58,439
do you have pencils in space we

54
00:02:02,749 --> 00:02:00,450
absolutely have pencils we do have pens

55
00:02:05,289 --> 00:02:02,759
too but we generally always use pencils

56
00:02:07,969 --> 00:02:05,299
when you're erase things in space the

57
00:02:10,400 --> 00:02:07,979
erase drips don't just stay on the page

58
00:02:13,100 --> 00:02:10,410
they float everywhere so

59
00:02:14,360 --> 00:02:13,110
little particles is hard I love it Mars

60
00:02:15,610 --> 00:02:14,370
that's where we're headed

61
00:02:18,260 --> 00:02:15,620
there's a nice little drawing of

62
00:02:20,180 --> 00:02:18,270
colonization of Mars there I think at

63
00:02:22,190 --> 00:02:20,190

NASA we all want to colonize Mars that

64

00:02:25,040 --> 00:02:22,200

is what our ultimate goal is find life

65

00:02:26,930 --> 00:02:25,050

on Mars they explore even beyond Mars

66

00:02:29,030 --> 00:02:26,940

out into our solar system we have probes

67

00:02:31,190 --> 00:02:29,040

that have left our solar system we have

68

00:02:34,310 --> 00:02:31,200

Rovers on the surface of Mars we have

69

00:02:35,990 --> 00:02:34,320

satellites around the moon and in 2024

70

00:02:37,670 --> 00:02:36,000

we hope to put the first woman in the

71

00:02:39,740 --> 00:02:37,680

next man on the surface of the Moon in

72

00:02:41,450 --> 00:02:39,750

the arguments program hi my name is Jill

73

00:02:43,490 --> 00:02:41,460

exclamation point can you send me a

74

00:02:45,530 --> 00:02:43,500

couple bags of astronaut ice cream do

75

00:02:46,400 --> 00:02:45,540

you like being an astronaut sorry I ask

76

00:02:49,280 --> 00:02:46,410

a lot of questions

77

00:02:52,340 --> 00:02:49,290

PS you don't need to send me anything

78

00:02:54,440 --> 00:02:52,350

but anything from space is fine we are

79

00:02:55,940 --> 00:02:54,450

also fine with the space I hear you guys

80

00:02:58,040 --> 00:02:55,950

have to learn Russian as part of your

81

00:02:59,930 --> 00:02:58,050

training how do you say astronaut in

82

00:03:02,120 --> 00:02:59,940

Russian we do have to study Russian as

83

00:03:05,210 --> 00:03:02,130

part of our training and the way you say

84

00:03:08,090 --> 00:03:05,220

astronaut in Russian is cosmonaut what

85

00:03:10,610 --> 00:03:08,100

food do be we really well they have a

86

00:03:12,560 --> 00:03:10,620

kitchen right here in Houston Texas at

87

00:03:13,760 --> 00:03:12,570

our Space Center where they make lots of

88

00:03:14,960 --> 00:03:13,770

different types of food and then they

89

00:03:18,020 --> 00:03:14,970

package them up in special space

90

00:03:20,210 --> 00:03:18,030

packaging where they remove the water

91

00:03:22,610 --> 00:03:20,220

and a process called dehydration so when

92

00:03:24,560 --> 00:03:22,620

we get those the food in space we have

93

00:03:26,810 --> 00:03:24,570

to then add the water back to it let it

94

00:03:30,170 --> 00:03:26,820

sit for a little bit and eat it some of

95

00:03:31,490 --> 00:03:30,180

my favorites are seafood gumbo fajita

96

00:03:35,240 --> 00:03:31,500

chicken is

97

00:03:35,810 --> 00:03:35,250

mango peach smoothie is really really

98

00:03:38,300 --> 00:03:35,820

good

99

00:03:40,430 --> 00:03:38,310

astronaut hey what did you miss most

100

00:03:43,610 --> 00:03:40,440

while you were in space without doubt

101

00:03:46,940 --> 00:03:43,620

it's my family seven months is a long

102

00:03:50,680 --> 00:03:46,950

time to be away and you miss a lot of

103

00:03:53,630 --> 00:03:50,690

anniversaries and birthdays and holidays

104

00:03:55,460 --> 00:03:53,640

so I want to make sure that you cherish

105

00:03:57,320 --> 00:03:55,470

the time that you have with your friends

106

00:03:58,880 --> 00:03:57,330

and family and loved ones this

107

00:04:00,470 --> 00:03:58,890

Thanksgiving thanks for giving us an

108

00:04:02,000 --> 00:04:00,480

opportunity to answer just a small

109

00:04:04,070 --> 00:04:02,010

portion of the mail that we get every

110

00:04:05,810 --> 00:04:04,080

day I promise I will get back to my desk

111

00:04:08,240 --> 00:04:05,820

and I will answer more letters we're so

112

00:04:10,130 --> 00:04:08,250

grateful for everyone's interest in our

113

00:04:11,870 --> 00:04:10,140

lives as astronauts and everything that

114

00:04:13,550 --> 00:04:11,880

we're doing here at NASA from all of us

115

00:04:15,500 --> 00:04:13,560

here at the Johnson Space Center and at

116

00:04:17,660 --> 00:04:15,510

NASA happy Thanksgiving happy

117

00:04:19,360 --> 00:04:17,670

Thanksgiving everyone happy Thanksgiving