



1
00:00:13,430 --> 00:00:04,470
mesa verde elementary school space

2
00:00:20,070 --> 00:00:16,790
endeavor this is genie

3
00:00:21,109 --> 00:00:20,080
representing mesa verde do you how do

4
00:00:23,109 --> 00:00:21,119
you read

5
00:00:25,189 --> 00:00:23,119
yeah we we've got you

6
00:00:27,429 --> 00:00:25,199
loud and clear i think there might be a

7
00:00:29,189 --> 00:00:27,439
little bit of a delay it's great to have

8
00:00:30,630 --> 00:00:29,199
you here on board space shuttle

9
00:00:32,790 --> 00:00:30,640
endeavour

10
00:00:35,910 --> 00:00:32,800
with us

11
00:00:37,830 --> 00:00:35,920
it's a beautiful day here in space as

12
00:00:39,670 --> 00:00:37,840
always the earth looks

13
00:00:41,910 --> 00:00:39,680

great and i'm glad you guys could get

14

00:00:43,990 --> 00:00:41,920

together to talk to us today

15

00:00:47,510 --> 00:00:44,000

this is foster hepler the principal of

16

00:00:49,270 --> 00:00:47,520

mesa verde we are ready to begin

17

00:00:51,110 --> 00:00:49,280

all right why don't we start off with uh

18

00:00:52,869 --> 00:00:51,120

some some questions i

19

00:00:54,470 --> 00:00:52,879

uh we got a little bit of a preview and

20

00:00:56,790 --> 00:00:54,480

you guys lined up some good questions

21

00:00:59,270 --> 00:00:56,800

for us

22

00:01:02,470 --> 00:00:59,280

hi my name is sydney enos and my

23

00:01:03,270 --> 00:01:02,480

question is how long does it take to get

24

00:01:10,149 --> 00:01:03,280

in

25

00:01:13,350 --> 00:01:10,159

well we go from zero to 17

26
00:01:14,950 --> 00:01:13,360
500 miles an hour in just eight minutes

27
00:01:17,670 --> 00:01:14,960
and 20 seconds

28
00:01:18,550 --> 00:01:17,680
and when those main engines start it's

29
00:01:23,030 --> 00:01:18,560
like

30
00:01:25,030 --> 00:01:23,040
going a thousand miles an hour

31
00:01:26,870 --> 00:01:25,040
and it's incredible the amount of thrust

32
00:01:29,270 --> 00:01:26,880
and then we get into orbit pretty

33
00:01:32,710 --> 00:01:29,280
quickly and we're hundreds of miles up

34
00:01:34,630 --> 00:01:32,720
into space going really really fast

35
00:01:36,310 --> 00:01:34,640
hi my name is katie

36
00:01:39,270 --> 00:01:36,320
and my question is

37
00:01:42,069 --> 00:01:39,280
what is the most interesting or exciting

38
00:01:43,749 --> 00:01:42,079

thing you've ever seen in space

39

00:01:45,590 --> 00:01:43,759

oh hey katie

40

00:01:47,429 --> 00:01:45,600

and

41

00:01:49,910 --> 00:01:47,439

yes just yesterday i was outside the

42

00:01:52,149 --> 00:01:49,920

space station and i could see stars i

43

00:01:55,270 --> 00:01:52,159

could see the moon but the most exciting

44

00:01:57,670 --> 00:01:55,280

thing i i've seen while i was up here is

45

00:02:00,469 --> 00:01:57,680

planet earth we have such a beautiful

46

00:02:02,230 --> 00:02:00,479

amazing wonderful planet from space we

47

00:02:05,350 --> 00:02:02,240

can see all the continents we can see

48

00:02:07,270 --> 00:02:05,360

rivers we can even see cities and roads

49

00:02:09,910 --> 00:02:07,280

it's really amazing

50

00:02:13,030 --> 00:02:09,920

hi my name is jake rocky and my question

51
00:02:15,350 --> 00:02:13,040
is do you need any type of military

52
00:02:18,550 --> 00:02:15,360
training to go up in space

53
00:02:21,510 --> 00:02:18,560
hi jake i'm in the united states navy

54
00:02:22,550 --> 00:02:21,520
and mike here is in the u.s air force

55
00:02:25,030 --> 00:02:22,560
but

56
00:02:27,589 --> 00:02:25,040
um the rest of our crew

57
00:02:29,350 --> 00:02:27,599
well we're about half about half of us

58
00:02:30,790 --> 00:02:29,360
are in the military and half are not so

59
00:02:32,949 --> 00:02:30,800
to answer your question

60
00:02:35,509 --> 00:02:32,959
absolutely not you do not need to be in

61
00:02:37,509 --> 00:02:35,519
the military to be an astronaut though

62
00:02:38,630 --> 00:02:37,519
in my case and in mike's that that

63
00:02:41,589 --> 00:02:38,640

worked out

64

00:02:44,309 --> 00:02:41,599

well for us thank you for your question

65

00:02:46,309 --> 00:02:44,319

hello my name is ashley drake and my

66

00:02:50,070 --> 00:02:46,319

question is why do you have to wear the

67

00:02:53,270 --> 00:02:50,080

whole spacesuit not just a helmet

68

00:02:56,949 --> 00:02:53,280

all right it sounds like ashley ashley

69

00:02:58,309 --> 00:02:56,959

it turns out there's no air in space

70

00:02:59,910 --> 00:02:58,319

and

71

00:03:01,750 --> 00:02:59,920

that's why you need air to breathe but

72

00:03:04,470 --> 00:03:01,760

did you know that the atmosphere also

73

00:03:06,229 --> 00:03:04,480

puts pressure on our bodies and

74

00:03:08,869 --> 00:03:06,239

if we go out into space without a

75

00:03:11,270 --> 00:03:08,879

spacesuit on we blow up like a balloon

76

00:03:13,430 --> 00:03:11,280

and that would not be very good for us

77

00:03:15,270 --> 00:03:13,440

so we have to wear an entire we have to

78

00:03:17,509 --> 00:03:15,280

wear an entire spacesuit when we go

79

00:03:20,949 --> 00:03:17,519

outside not just a helmet like you might

80

00:03:26,229 --> 00:03:23,430

well mesa verde it was a great for me to

81

00:03:28,390 --> 00:03:26,239

have this opportunity to to be with you

82

00:03:29,589 --> 00:03:28,400

today and answer your questions

83

00:03:32,550 --> 00:03:29,599

uh since

84

00:03:34,630 --> 00:03:32,560

my wife congresswoman giffords is from

85

00:03:36,710 --> 00:03:34,640

tucson arizona i spend a lot a lot of

86

00:03:39,030 --> 00:03:36,720

time there and i'm a big fan of tucson i

87

00:03:40,789 --> 00:03:39,040

have the arizona wildcat shirt i didn't

88

00:03:43,830 --> 00:03:40,799

have a mesa verde elementary school

89

00:03:46,149 --> 00:03:43,840

shirt but what i do have is

90

00:03:49,030 --> 00:03:46,159

i have your yearbook

91

00:03:51,190 --> 00:03:49,040

uh the mesa verde mountain lions 2010

92

00:03:53,350 --> 00:03:51,200

2011 with me here in space and i'll get

93

00:03:55,589 --> 00:03:53,360

a picture of this with the earth in the

94

00:03:57,910 --> 00:03:55,599

background and hopefully i can bring it

95

00:03:59,350 --> 00:03:57,920

back and hand deliver it to your school

96

00:04:01,350 --> 00:03:59,360

just opening up

97

00:04:02,630 --> 00:04:01,360

the page here to

98

00:04:04,630 --> 00:04:02,640

um

99

00:04:07,110 --> 00:04:04,640

the uh pages

100

00:04:09,429 --> 00:04:07,120

uh honoring christina green and it's a

101

00:04:11,350 --> 00:04:09,439

very nice yearbook and mike and i

102

00:04:12,949 --> 00:04:11,360

just signed it in the back and i'll get

103

00:04:14,550 --> 00:04:12,959

my other crew members and the space

104

00:04:17,110 --> 00:04:14,560

station crew members to sign it and then

105

00:04:21,030 --> 00:04:17,120

we'll we'll send it back to you

106

00:04:23,670 --> 00:04:21,040

again it was really great to be with you

107

00:04:25,030 --> 00:04:23,680

at mesa verde today and i hope to see

108

00:04:36,710 --> 00:04:25,040

you soon

109

00:04:40,950 --> 00:04:38,870

thank you mesa verde elementary school

110

00:04:43,030 --> 00:04:40,960

endeavor we are now resuming operational

111

00:04:44,790 --> 00:04:43,040

audio communications thanks for taking