
VISIT
NASA
Center

1
00:00:00,000 --> 00:00:26,190
(Music)

2
00:00:26,210 --> 00:00:32,430
Maureen Reardon, Calif. School for the Blind: This is a glorious experience for our students, because for them,

3
00:00:32,450 --> 00:00:36,940
It's standing behind a velvet rope while you listen to somebody else describe what they're seeing.

4
00:00:36,960 --> 00:00:44,530
In this instance, they're here, they're touching things, they're hands-on and they're operating equipment like a f

5
00:00:44,550 --> 00:00:50,020
That's a very unusual experience for them and it gives them a much more meaningful sense of how things wor

6
00:00:50,040 --> 00:00:55,290
and what they do and how it all fits together.

7
00:00:55,310 --> 00:01:02,950
Student 1: My favorite part…is driving the car! That's what I call that thing.

8
00:01:02,970 --> 00:01:08,580
Matt Everingham, NASA Ames Volunteer: It's been really rewarding to share the rover driving experience with

9
00:01:08,600 --> 00:01:13,700
and to show them a little bit about what exploration is all about and why we explore.

10
00:01:13,720 --> 00:01:19,120
And give them an opportunity to see, hands-on, what it's like to do some exploration.

11
00:01:19,140 --> 00:01:26,380
Anthony Intravaia, NASA Ames Volunteer: It's been pretty exciting. We've got a, certainly a bunch of young pe

12
00:01:26,400 --> 00:01:35,090
Getting involved with a piece of equipment that does something and moves…it then motivates them to study th

13
00:01:35,110 --> 00:01:40,140

We don’t often get to do this, so we’re pretty happy to do this really.

14
00:01:40,160 --> 00:01:46,950
Student 2: It’s just like a once-in-a-lifetime experience and an experience that I’ll always remember.

15
00:01:46,970 --> 00:01:50,010
I’ll probably never ever get this chance again.

16
00:01:50,030 --> 00:01:56,070
(Music)

17
00:01:56,090 --> 00:01:58,120
Lewis Braxton III, Deputy Director, NASA Ames: We’re supposed to be reaching out to the community,

18
00:01:58,140 --> 00:02:05,960
whether it’s national, international, local and try to make sure that we reach out and inspire young people, so th

19
00:02:05,980 --> 00:02:09,330
what is required in order to be able to explore the universe.

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00:02:09,350 --> 00:02:12,910
Traveling Space Museum is the perfect organization to make that happen.

21
00:02:12,930 --> 00:02:19,280
They give hands-on opportunity for young people to see what it’s like to deal with technology and science from

22
00:02:19,300 --> 00:02:27,970
Once you sit inside the cockpit of a vehicle, see how the space toilet works, understand how moon walks are ta

23
00:02:27,990 --> 00:02:33,580
We’ve got to keep stimulating these young people to understand - hard work, perseverance, commitment – tha

24
00:02:33,600 --> 00:02:37,190
And it’s a lot of fun and we’re trying to make sure they don’t lose the fun.

25
00:02:37,210 --> 00:02:45,700
(Music)

26
00:02:45,720 --> 00:02:48,600
Off-Camera Voice: 3…2…1… (Sound of air rockets popping off launchers)

27
00:02:48,620 --> 00:02:54,630
Diane Porter, Teacher, Burnett Academy: This is so great, because the students can actually see what NASA i

28
00:02:54,650 --> 00:03:02,280
To actually have them interact with you guys and to see the cool equipment is just so much more powerful

29
00:03:02,300 --> 00:03:06,410
than anything I can show them on the Internet or in a book.

30
00:03:06,430 --> 00:03:09,540
Off-camera voice: Have you every wanted to be an astronaut?

31
00:03:09,560 --> 00:03:10,640
Student 3: Yeah.

32
00:03:10,660 --> 00:03:12,790
Off-camera voice: So what's this experience been like for you?

33
00:03:12,810 --> 00:03:15,620
Student 3: Awesome! It's been so cool!

34
00:03:15,640 --> 00:03:18,160
Off-camera voice: What's your favorite thing you've done today?

35
00:03:18,180 --> 00:03:23,130
Student 3: This. This. I got to put on a helmet!

36
00:03:23,150 --> 00:03:27,740
Sahar Leaupepe, NASA Ames Volunteer: You can be anything and work at NASA and it really appeals to kids

37
00:03:27,760 --> 00:03:31,340
giving them an opportunity to say "Hey, that possibly could be me."

38
00:03:31,360 --> 00:03:35,000

One kid asked for my autograph and I'm like: "I'm not really like an astronaut."

39
00:03:35,020 --> 00:03:39,810
And he's like "I don't care. I want somebody's autograph from NASA. This is so cool!"

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00:03:39,830 --> 00:03:44,310
Kristin Luz, Assistant Principal, Burnett Academy: Our students do some hands-on labs in their science classes

41
00:03:44,330 --> 00:03:51,600
However, certainly getting to experience something on a scale like this is not something they normally get to do

42
00:03:51,620 --> 00:04:00,500
I just think it's a really great opportunity for our students and I think that they will remember this as a great day

43
00:04:00,520 --> 00:04:02,670
Group of students: Go NASA!

44
00:04:02,690 --> 00:04:10,570
(Music)

45
00:04:10,590 --> 00:04:14,340
Ben Chavis, Founder, American Indian Model Schools: Most people want these Indians and Blacks and Mexica

46
00:04:14,360 --> 00:04:20,750
We want them to be scientists, economists, business people. We want them to contribute to the diversity of sci

47
00:04:20,770 --> 00:04:23,470
Not because of their color, but because of their training.

48
00:04:23,490 --> 00:04:32,260
How many Blacks, Mexicans or Indians or poor Whites do you know have PhD's in physics? That's what we wa

49
00:04:32,280 --> 00:04:39,490
Student 4: We tried on spacesuits, but not like the real one, the one that you wear after you launched. And so,

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00:04:39,510 --> 00:04:46,310
And now we're doing this and that was really fun. That was really fun. I felt like I was about to fall. Stop laughin

51
00:04:46,330 --> 00:04:54,890
And then I did that. It's like the satellite thing. And like it tells us…it's like, it tells us how to study Pluto and stuff

52
00:04:54,910 --> 00:04:58,470
And how Pluto's like a dwarf planet and stuff like that.

53
00:04:58,490 --> 00:05:02,070
Sophath Mey, Director, American Indian Model Schools: Everything that they're learning, that there is value in

54
00:05:02,090 --> 00:05:04,810
and that they can take it with them in the long term.

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00:05:04,830 --> 00:05:12,110
I think that this is a great opportunity for them to see and understand why these things are important.

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00:05:12,130 --> 00:05:16,740
Ben Chavis: One day, one of them may be an astronaut or in charge of NASA, I don't know.

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00:05:16,760 --> 00:05:24,060
But it all begins with a dream. NASA gives them the dream about where they can go…and that's great!

58
00:05:24,080 --> 00:05:25,490
(Music)

59
00:05:25,510 --> 00:05:31,520
Nichelle Nichols, Spokesperson, Traveling Space Museum: What I see in their eyes when they experience this

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00:05:31,540 --> 00:05:41,100
That's what…because they've seen it go up, they've seen it come down, somebody has spoken at them about

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00:05:41,120 --> 00:05:53,990
And so I see them looking at it, studying it and going "Ooohhh…" and "What is this for?" and they have so man

62
00:05:54,010 --> 00:06:00,870
It's not enough to expose kids to something, they need to learn what is it.

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00:06:00,890 --> 00:06:04,720

And if you're not teaching them, they're still having questions.

64
00:06:04,740 --> 00:06:13,070
So, they want to learn and they want to know and they want hands-on experience and they want to have fun do

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00:06:13,090 --> 00:06:17,520
And that's what the Traveling Space Museum is all about.

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00:06:17,540 --> 00:06:27,410
(Music)

67
00:06:27,430 --> 00:06:31,220
Alberto Solorzano, Principal, Cesar Chavez Middle School: A lot of our kids have been talking about "Well, wha

68
00:06:31,240 --> 00:06:38,530
So, really, this is going to answer most of their questions. They're about exploration, they're about innovation, b

69
00:06:38,550 --> 00:06:42,060
Student 5: My favorite part actually has been the space toilet, it's really interesting.

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00:06:42,080 --> 00:06:50,500
The rovers, yes, the rovers. Those are really neat. Just how it could go anywhere and jump over stuff.

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00:06:50,520 --> 00:06:56,950
Student 6: The NASA people are making it more interesting. Like having more activities with it and and like, the

72
00:06:56,970 --> 00:07:02,150
It makes school more interesting, like, the things that the teachers be teaching, they're using these big, old wor

73
00:07:02,170 --> 00:07:07,320
But, like, with them, they sit there and like, demonstrate it to you, so it makes it even cooler.

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00:07:07,340 --> 00:07:15,500
Student 7: It helped me and said if I learned more in mathematics, I could become a…make a robot or somethi

75
00:07:15,520 --> 00:07:20,000
Student 8: I like that they gave a chance for inspiration to kids.

76
00:07:20,020 --> 00:07:24,910
Ivor Dawson, Founder, Traveling Space Museum: What Traveling Space Museum does is a concept that I call

77
00:07:24,930 --> 00:07:34,190
Astronauts learn by using simulators and having experts in front of them and that's what we do for students.

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00:07:34,210 --> 00:07:39,670
And by having NASA people involved in that, this is the epitome of what I've been trying to do for 12 years.

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00:07:39,690 --> 00:07:44,700
This is the high point of my career as a space educator.

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00:07:44,720 --> 00:07:49,180
Carolyn Aguirre, Teacher, Cesar Chavez Middle School: It's been really great. And I mean, I'm seeing them ha

81
00:07:49,200 --> 00:07:54,070
And also, they're learning some good science, asking some good questions, so it's good.

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00:07:54,090 --> 00:07:58,480
I'm looking forward to getting back into the classroom tomorrow and hopefully, take some of that further.

83
00:07:58,500 --> 00:08:07,500
(Music)

84
00:08:07,520 --> 00:08:10,280
Gayle Calhoun, Principal, Toyon Elementary School: What you're doing here today is extremely important.

85
00:08:10,300 --> 00:08:16,460
The children are learning what they need to know for the future, cause they are going to have to know what to

86
00:08:16,480 --> 00:08:18,170
and this is the only way they're going to find out.

87
00:08:18,190 --> 00:08:22,330
So, the more NASA's involved, the better.

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00:08:22,350 --> 00:08:33,420

Student 9: I like the moon boots because it makes you go really high. It makes you go in the sky. Eeee! Eeee!

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00:08:33,440 --> 00:08:43,930
Student 10: The Pluto probe has been in space for about 5 to 10 years or so. And it's only halfway to Pluto…ha

90
00:08:43,950 --> 00:08:53,090
Student 11: I learned that the rovers in space run off of solar panels and they store power in the batteries overn

91
00:08:53,110 --> 00:08:58,260
Paul Agnew, NASA Ames Volunteer: The reason that we're doing this is to make sure that we actually continue

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00:08:58,280 --> 00:09:00,570
within NASA and for the benefit of NASA.

93
00:09:00,590 --> 00:09:08,570
So when we reach out for kids, they're also reaching back to NASA in trying to provide a benefit for the current

94
00:09:08,590 --> 00:09:13,630
when we need our scientists and engineers to continue the space programs and the aeronautics programs.

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00:09:13,650 --> 00:09:16,260
David J., Parent and Volunteer: It makes their dreams kind of a little closer to reality.

96
00:09:16,280 --> 00:09:23,360
When I went to school here, it was during the Apollo time, during the 60's, and I remember going to the library a

97
00:09:23,380 --> 00:09:29,070
Here, these students are able to take it step further and actually touch the rockets and see a hovercraft.