

NASA

SPACE
STATION

SUPERSONIC
WIND
TUNNEL

Gyroscopic
Motion

Orbital
Mechanics

Image computing



1
00:00:00,000 --> 00:00:21,570
(Music)

2
00:00:21,590 --> 00:00:23,180
Boy in Simulator: Whoa!

3
00:00:23,200 --> 00:00:27,080
Lewis Braxton III, Deputy Director, NASA Ames: The Summer of Innovation is about reaching out and reinvigorating

4
00:00:27,100 --> 00:00:31,960
and let them know that science, technology, engineering and math is fun.

5
00:00:31,980 --> 00:00:39,730
And by being fun, it allows us to be able to develop the future capabilities we need in order to explore the universe

6
00:00:39,750 --> 00:00:43,560
Exploration Day is giving back to the families who support NASA.

7
00:00:43,580 --> 00:00:47,990
We want to make sure that the wives, the husbands, the kids, everybody understands:

8
00:00:48,010 --> 00:00:51,720
what does it take to do work here at Ames Research Center.

9
00:00:51,740 --> 00:00:57,680
This is our way of giving back and keeping the enthusiasm going from the families that believe in NASA.

10
00:00:57,700 --> 00:01:03,590
One of the biggest components we've got today is that we've reconfigured and we've rehabbed what we call "A

11
00:01:03,610 --> 00:01:05,120
That has been a major makeover.

12
00:01:05,140 --> 00:01:12,010
Now, when you walk in there, you'll be exposed to moon rocks, you'll be exposed to the Martian surface, you'll

13
00:01:12,030 --> 00:01:15,950

You'll understand physics, you'll understand science, biology, chemistry.

14

00:01:15,970 --> 00:01:18,980

It's one of the biggest things that we've done to enhance things.

15

00:01:19,000 --> 00:01:21,850

We're also giving our people an opportunity to go into our flight facilities,

16

00:01:21,870 --> 00:01:26,740

our research facilities, our test facilities, so that they can see what it takes in order to prepare people

17

00:01:26,760 --> 00:01:29,640

for that next big step in the universe.

18

00:01:29,660 --> 00:01:31,380

Nichelle Nichols, Actress: Live long and prosper!

19

00:01:31,400 --> 00:01:33,730

(Laughter)

20

00:01:33,750 --> 00:01:37,510

Lew Braxton: Her name was Nichelle Nichols, Lt. Uhura as most people know her.

21

00:01:37,530 --> 00:01:40,740

She inspired all the young people with what it takes: stay in school.

22

00:01:40,760 --> 00:01:44,370

She gave them three ideas of what it takes to be able to persevere.

23

00:01:44,390 --> 00:01:48,400

This woman was absolutely fantastic, everyone was elated and we can't get enough of her.

24

00:01:48,420 --> 00:01:50,870

She's part of the Ames family.

25

00:01:50,890 --> 00:01:56,250

We've got to keep stimulating these young people to understand hard work, perseverance, commitment, that's

