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00:00:00,570 --> 00:00:03,659

Hey everyone, Amy Shira Teitel here at the Kennedy Space Center in Florida.

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00:00:03,659 --> 00:00:08,340

I am so excited to be here, not only are we hanging out with two cast members of The Martian,

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00:00:08,340 --> 00:00:16,400

Mackenzie Davis and Chiwetel Ejiofor but we are going to watch them meet some of the "Real

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00:00:16,400 --> 00:00:19,460

Martians" here at Kennedy.

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00:00:19,460 --> 00:00:20,460

[Music]

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00:00:20,460 --> 00:00:25,599

We have laid out in architecture that is developing a capability so we got a crew vehicle and

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00:00:25,599 --> 00:00:26,599

a rocket now.

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00:00:26,599 --> 00:00:28,240

We're putting that infrastructure in place.

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00:00:28,240 --> 00:00:33,820

We've already flown a test flight on the capsule last December it performed flawlessly

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00:00:33,820 --> 00:00:40,110

we're flying a test flight of the rocket with the capsule and no crew well late 2018 ok

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00:00:40,110 --> 00:00:42,809

and then our goal is to fly it with a crew in 2021.

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00:00:42,809 --> 00:00:46,750
It's clear from everything we're learning
right now, that not only are the technologies

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00:00:46,750 --> 00:00:50,559
we need to take us to Mars already under development
but the high school students that are here

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00:00:50,559 --> 00:00:56,260
are super excited to be seeing science fiction
turn into science fact.

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00:00:56,260 --> 00:01:01,280
Behind me is Launchpad 39B and it's this
launch pad that NASA will launch the Space

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00:01:01,280 --> 00:01:03,860
Launch System on it's Journey to Mars.

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00:01:03,860 --> 00:01:10,060
One of our stops on the tour of the Kennedy
Space Center today is seeing the space shuttle

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00:01:10,060 --> 00:01:11,060
Atlantis.

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00:01:11,060 --> 00:01:12,700
Atlantis helped in building the International
Space Station.

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00:01:12,700 --> 00:01:18,170
You know Scott Kelly is on the International
Space Station now for a year learning about

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00:01:18,170 --> 00:01:23,130
what is required to keep a human system operating
for that length of time.

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00:01:23,130 --> 00:01:27,159

Onboard the ISS right now are Astronauts running experiments that are ultimately part of our

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00:01:27,159 --> 00:01:28,420

Journey to Mars.

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00:01:28,420 --> 00:01:35,950

It's a wonderful examination of how engineers and scientist think, and a it's wonderful

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00:01:35,950 --> 00:01:40,970

opportunity for people to understand how but more importantly why we do what we do.

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00:01:40,970 --> 00:01:46,909

And a great way to understand what NASA is really all about which is solving big problems.

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00:01:46,909 --> 00:01:51,990

And from Apollo to Shuttle to Mars we met Buzz Aldrin and discussed our Journey to Mars.

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00:01:51,990 --> 00:01:55,020

Well that's a wrap from our day at the Kennedy Space Center.