



NASA'S SPACEX

CREW-6

LAUNCHING SOON

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1
00:00:01,368 --> 00:00:02,919
We're going to be busy.

2
00:00:02,969 --> 00:00:03,720
We're going to be tired.

3
00:00:03,720 --> 00:00:05,071
But it's going to be a lot of fun.

4
00:00:05,071 --> 00:00:06,356
I think as a first time flier,

5
00:00:06,356 --> 00:00:09,626
there's a certain component of uncertainty
that's hard to remove.

6
00:00:09,626 --> 00:00:12,412
The training's been incredible,
and so I feel prepared.

7
00:00:13,013 --> 00:00:16,983
Four, three, two, one, zero ...

8
00:00:16,983 --> 00:00:17,634
ignition ...

9
00:00:19,152 --> 00:00:20,687
And liftoff!

10
00:00:20,687 --> 00:00:24,057
It's all for the sake of science and it's
all for the push towards

11
00:00:24,240 --> 00:00:26,426
the boundaries of exploration, towards
space.

12
00:00:28,278 --> 00:00:31,815

It's everything
from fundamental scientific research

13

00:00:32,165 --> 00:00:34,667

to looking back at Earth to innovations.

14

00:00:35,035 --> 00:00:38,288

200 + Science Experiments & Technology Demonstrations

15

00:00:38,288 --> 00:00:43,810

Including tissue chip research on heart,
brain, and cartilage functions

16

00:00:45,361 --> 00:00:46,646

In weightlessness,

17

00:00:46,646 --> 00:00:49,382

things burn differently,
and if you really think about things

18

00:00:49,382 --> 00:00:53,436

like vehicle design, we're often
constrained by flammability requirements.

19

00:00:53,703 --> 00:00:57,240

So studies are enormously important
for enabling us

20

00:00:57,240 --> 00:00:59,342

to push the envelope
in the future a bit more.

21

00:01:01,111 --> 00:01:02,846

We're going to potentially

22

00:01:02,846 --> 00:01:06,983

swab the outside of the space station
to try to get a sense of what sorts

23

00:01:06,983 --> 00:01:11,004
of biological material might be out
on the outside of space station.

24
00:01:11,004 --> 00:01:12,839
And that's relevant
for planetary protection

25
00:01:12,839 --> 00:01:14,574
when we think about going to Mars.

26
00:01:17,894 --> 00:01:20,797
Potentially, we have Crew Flight Test
coming up with the Boeing vehicle,

27
00:01:20,830 --> 00:01:21,965
followed by Axiom 2.

28
00:01:22,065 --> 00:01:25,935
The fact that we'll have two companies
able to provide the opportunity

29
00:01:25,935 --> 00:01:30,090
reach low-Earth orbit will change the way
we look at how we fly to space.

30
00:01:31,224 --> 00:01:32,392
First Arab mission -

31
00:01:32,392 --> 00:01:33,476
it's a great privilege

32
00:01:33,476 --> 00:01:35,411
yet it's a great responsibility.