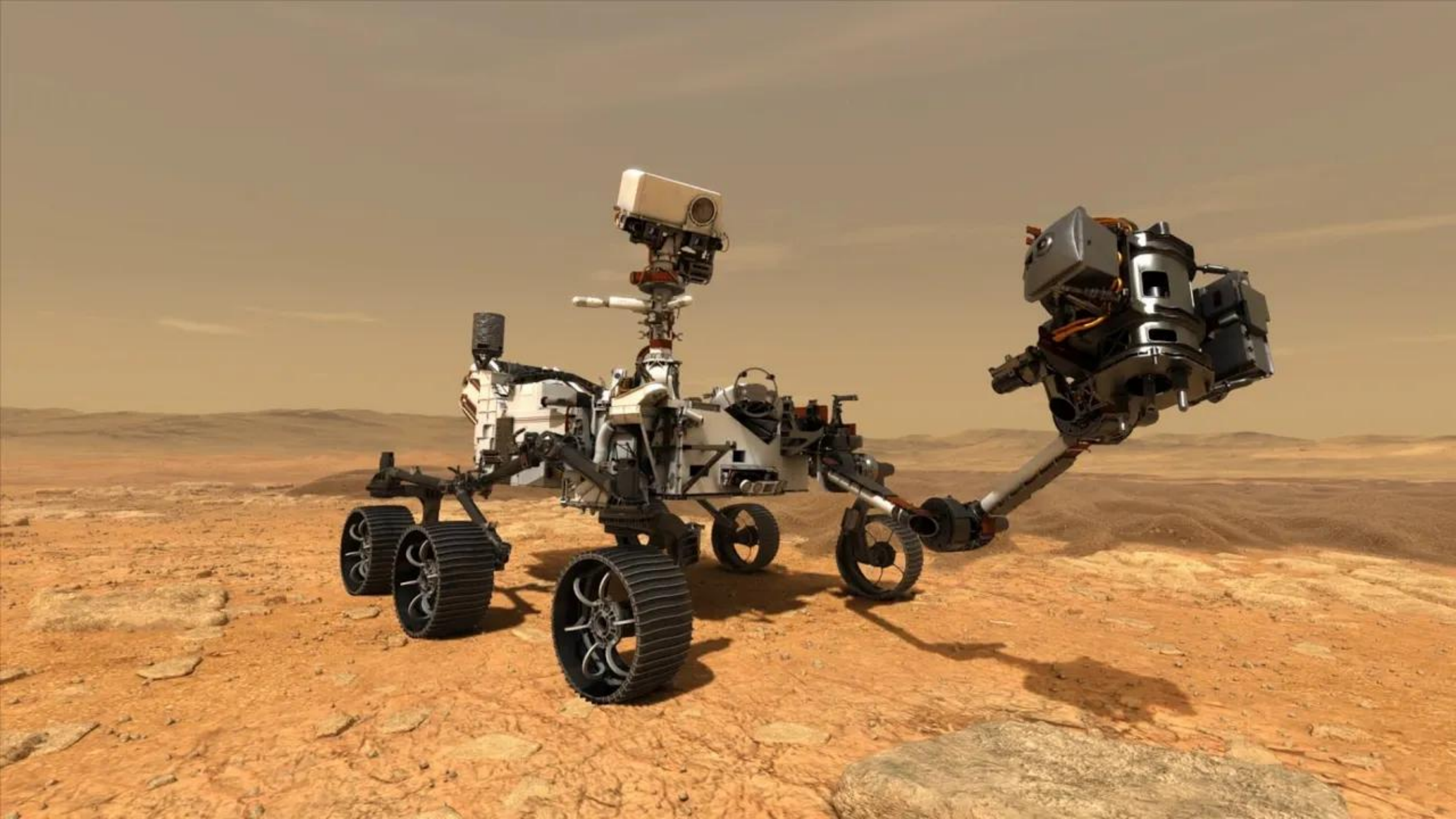

1
00:00:00,160 --> 00:00:02,770
A new name for our next Mars rover …

2
00:00:02,770 --> 00:00:04,790
A new space station resupply mission …

3
00:00:04,790 --> 00:00:09,240
And how you can join the Artemis Generation
… a few of the stories to tell you about

4
00:00:09,240 --> 00:00:11,690
– This Week at NASA!

5
00:00:11,690 --> 00:00:17,411
From a nationwide naming contest that saw
more than 28,000 student essay entries, the

6
00:00:17,411 --> 00:00:20,130
new name of our next Mars rover is …

7
00:00:20,130 --> 00:00:24,750
“Perseverance … (applause)”

8
00:00:24,750 --> 00:00:29,550
The new name for the rover formerly known
as Mars 2020 was announced during a live event

9
00:00:29,550 --> 00:00:34,620
on March 5 from the Fairfax County, Virginia
school of the student who submitted the winning

10
00:00:34,620 --> 00:00:35,620
entry.

11
00:00:35,620 --> 00:00:39,730
“If rovers are to be the qualities of us
as a race, we missed the most important thing:

12

00:00:39,730 --> 00:00:40,730
perseverance.

13
00:00:40,730 --> 00:00:46,160
We are a species of explorers and we will
meet many setbacks on the way to Mars.

14
00:00:46,160 --> 00:00:49,930
We, not as a nation, but as humans will not
give up.

15
00:00:49,930 --> 00:00:52,359
The human race will always persevere into
the future."

16
00:00:52,359 --> 00:00:56,960
The rover recently arrived at our Kennedy
Space Center in Florida ahead of its launch

17
00:00:56,960 --> 00:01:01,579
to the Red Planet this summer.

18
00:01:01,579 --> 00:01:07,750
On March 6, a SpaceX Dragon spacecraft launched
from Cape Canaveral Air Force Station in Florida,

19
00:01:07,750 --> 00:01:13,040
packed with supplies and payloads for the
crew aboard the International Space Station.

20
00:01:13,040 --> 00:01:18,330
The cargo delivery includes critical materials
for science and research investigations on

21
00:01:18,330 --> 00:01:19,330
the station.

22
00:01:19,330 --> 00:01:24,180
We're now accepting applications for our
next group of Artemis Generation astronaut

23
00:01:24,180 --> 00:01:25,360
candidates.

24
00:01:25,360 --> 00:01:29,890
But even if you can’t be an astronaut, we
can still use your support.

25
00:01:29,890 --> 00:01:34,670
We invite you to join the Artemis effort by
printing your very own Artemis Generation

26
00:01:34,670 --> 00:01:39,580
Certificate at go.nasa.gov/joinartemis.

27
00:01:39,580 --> 00:01:45,670
It is our way of taking you with us on humanity’s
greatest journey to explore our universe.

28
00:01:45,670 --> 00:01:50,720
While making observations off the edge of
asteroid Bennu, a student-built spectrometer

29
00:01:50,720 --> 00:01:57,130
onboard our OSIRIS-REx spacecraft unexpectedly
detected X-ray activity 30 thousand light

30
00:01:57,130 --> 00:01:58,750
years in the distance.

31
00:01:58,750 --> 00:02:03,210
It turned out to be a newly flaring black
hole that was discovered a week earlier by

32
00:02:03,210 --> 00:02:06,230
a telescope on the International Space Station.

33
00:02:06,230 --> 00:02:11,280
The glimpse of the X-ray event by OSIRIS-REx

marks the first time such an outburst has

34
00:02:11,280 --> 00:02:14,360
been detected from interplanetary space.

35
00:02:14,360 --> 00:02:18,880
A team from our Jet Propulsion Laboratory
in Pasadena, California was a first-place

36
00:02:18,880 --> 00:02:25,530
winner in a recent challenge to use cutting-edge
technology to enable robots to autonomously

37
00:02:25,530 --> 00:02:28,360
navigate extreme underground environments.

38
00:02:28,360 --> 00:02:34,360
We could one day use robots with this technology
to map out caves on the Moon or Mars, in preparation

39
00:02:34,360 --> 00:02:36,570
for the arrival of human explorers.

40
00:02:36,570 --> 00:02:39,300
That’s what’s up this week @NASA …