1
00:00:00,890 --> 00:00:04,759
Space Station crew returns safely to Earth
…

2
00:00:04,759 --> 00:00:07,850
Practice for our asteroid sample return mission
…

3
00:00:07,850 --> 00:00:13,050
And a new discovery from old data … a few
of the stories to tell you about – This

4
00:00:13,050 --> 00:00:16,090
Week at NASA!

5
00:00:16,090 --> 00:00:21,109
On April 17, our Andrew Morgan, Jessica Meir,
and Oleg Skripochka, of the Russian space

6
00:00:21,109 --> 00:00:27,460
agency Roscosmos, said goodbye to the International
Space Station’s Expedition 63 crew, including

7
00:00:27,460 --> 00:00:29,339
our Chris Cassidy.

8
00:00:29,339 --> 00:00:34,539
Several hours later Morgan, Meir, and Skripochka
landed safely in Kazakhstan.

9
00:00:34,539 --> 00:00:39,300
Morgan spent nine months on the station while
Meir was onboard for about six months.

10
00:00:39,300 --> 00:00:43,930
During that time, she conducted the first
three all-woman spacewalks with NASA’s Christina

11
00:00:43,930 --> 00:00:46,030

Koch.

12
00:00:46,030 --> 00:00:51,820
On April 14, we conducted the first practice
run with our OSIRIS-REx spacecraft in preparation

13
00:00:51,820 --> 00:00:58,040
for its attempt this August to collect a sample
from asteroid Bennu, and safely return that

14
00:00:58,040 --> 00:00:59,440
sample to Earth.

15
00:00:59,440 --> 00:01:04,430
The rehearsal, known as “Checkpoint,”
placed the spacecraft the closest it has ever

16
00:01:04,430 --> 00:01:05,470
been to Bennu.

17
00:01:05,470 --> 00:01:11,119
This is NASA’s first-ever sample return
mission to an asteroid.

18
00:01:11,119 --> 00:01:16,729
Old data from our Kepler space telescope,
which was retired in 2018, has led to the

19
00:01:16,729 --> 00:01:23,000
discovery of an Earth-size exoplanet in its
star's habitable zone, about 300 light years

20
00:01:23,000 --> 00:01:24,370
from Earth.

21
00:01:24,370 --> 00:01:30,850
Out of all the exoplanets found by Kepler,
this distant world, called Kepler-1649c, is

22

00:01:30,850 --> 00:01:35,950
most similar to Earth in size and estimated
temperature.

23
00:01:35,950 --> 00:01:39,829
The 50th anniversary of Earth Day is April
22.

24
00:01:39,829 --> 00:01:45,100
To help observe the anniversary virtually,
in this new world of social distancing, we

25
00:01:45,100 --> 00:01:52,490
have put together new and curated online videos,
activities, and other resources at nasa.gov/earthday.

26
00:01:52,490 --> 00:01:56,440
Some of the material is available in both
English and Spanish.

27
00:01:56,440 --> 00:02:02,829
We also encourage you to use the hashtag #EarthDayAtHome
to share images showing what you did to observe

28
00:02:02,829 --> 00:02:05,340
Earth Day.

29
00:02:05,340 --> 00:02:10,610
NASA is looking for help from video gamers
and citizen scientists to map coral reefs

30
00:02:10,610 --> 00:02:12,250
around the world.

31
00:02:12,250 --> 00:02:17,849
Participants will play a video game to identify
and classify corals while virtually traveling

32
00:02:17,849 --> 00:02:19,500
in an ocean vessel.

33
00:02:19,500 --> 00:02:25,770
The game, called NeMO-Net, which is available
for iOS devices and Mac computers, uses 3D

34
00:02:25,770 --> 00:02:32,190
images of the ocean floor, corals, algae and
seagrass taken by specialized NASA instruments

35
00:02:32,190 --> 00:02:34,720
mounted on drones or aircraft.

36
00:02:34,720 --> 00:02:39,730
Data from NeMO-Net will eventually enable
NASA’s Pleiades supercomputer to map out

37
00:02:39,730 --> 00:02:42,730
the world's corals at an unprecedented resolution.

38
00:02:42,730 --> 00:02:46,190
That’s what’s up this week @NASA …