

A satellite with two large solar panel arrays is shown in space. The satellite is gold and black, with a central body and two long, rectangular solar panels extending outwards. The background is a dark space filled with stars and a large, grey, irregularly shaped asteroid. A thin blue line indicates the satellite's orbit around the asteroid. The text 'TW@N' is overlaid in large white letters, and a blue banner at the bottom contains the text 'THIS WEEK @ NASA' in white.

TW@N

THIS WEEK @ NASA

1
00:00:00,533 --> 00:00:03,703
The results of our DART planetary
defense test ...

2
00:00:03,703 --> 00:00:06,656
Astronauts return safely from the space station ...

3
00:00:06,656 --> 00:00:09,626
And more new imagery from the Webb Space Telescope ...

4
00:00:09,626 --> 00:00:12,862
a few of the stories to tell you about –
This Week at NASA!

5
00:00:13,880 --> 00:00:17,100
Data from the intentional impact
of our DART spacecraft

6
00:00:17,100 --> 00:00:19,753
with asteroid Dimorphos confirm
that ...

7
00:00:19,753 --> 00:00:25,258
DART successfully changed the targeted asteroid's trajectory.

8
00:00:25,742 --> 00:00:30,230
In fact, this first-ever planetary
defense test altered Dimorphos' orbit

9
00:00:30,230 --> 00:00:35,635
around a larger asteroid by 32 minutes,
which far exceeded expectations.

10
00:00:36,002 --> 00:00:39,272
Learn more at nasa.gov/dart.

11
00:00:39,272 --> 00:00:42,392
NASA's SpaceX Crew-4 mission
safely returned from

12

00:00:42,392 --> 00:00:46,379

the International Space Station
after nearly six-months of conducting

13

00:00:46,379 --> 00:00:49,999

research and technology demonstrations
to prepare for human

14

00:00:49,999 --> 00:00:53,970

exploration beyond low-Earth orbit
and to benefit life on Earth.

15

00:00:54,504 --> 00:00:58,191

A new Webb Space Telescope
image shows a series of dust rings

16

00:00:58,191 --> 00:00:59,809

from a pair of stars.

17

00:00:59,809 --> 00:01:03,229

The stars' orbits bring them together
about once every eight years.

18

00:01:03,530 --> 00:01:07,667

So, like the rings of a tree trunk,
the dust loops mark the passage of time.

19

00:01:08,151 --> 00:01:10,820

The next launch attempt of our Artemis
I Moon

20

00:01:10,820 --> 00:01:13,556

mission is now targeted for Nov. 14.

21

00:01:14,057 --> 00:01:18,828

The uncrewed flight test of our Space
Launch System rocket and Orion spacecraft

22

00:01:19,079 --> 00:01:23,817

will thoroughly test all systems before
making Artemis flights with astronauts.

23

00:01:24,017 --> 00:01:26,069

That's what's up this week @NASA ...