



Lucy's Journey
“Launch”

1
00:00:00,000 --> 00:00:03,916
(music throughout) We are minutes away from the launch of

2
00:00:03,916 --> 00:00:08,166
NASA's Lucy mission to the never before explored Trojan asteroids.

3
00:00:08,166 --> 00:00:12,666
Lucy's long journey to space begins today,

4
00:00:12,666 --> 00:00:15,416
but her story actually started years ago...

5
00:00:15,416 --> 00:00:19,166
It took a team of scientists and engineers many years to plan

6
00:00:19,166 --> 00:00:21,666
where Lucy would go and what she would have to do.

7
00:00:21,666 --> 00:00:26,250
Then, Lucy's engineers had to had to build her out of individual parts

8
00:00:26,250 --> 00:00:29,333
and put her together like a puzzle.

9
00:00:29,333 --> 00:00:34,416
Lucy had to go through tough physical tests to prove she was mission ready.

10
00:00:34,416 --> 00:00:38,000
How are you holding up Lucy?

11
00:00:38,000 --> 00:00:40,500
These are the vibration and acoustic tests,

12
00:00:40,500 --> 00:00:44,583
to make sure Lucy won't lose any screws during the shaky launch on a rocket.

13
00:00:44,583 --> 00:00:46,916

Lucy wasn't quite ready just yet.

14

00:00:46,916 --> 00:00:51,416

The engineers still had to be sure she was prepared for the harsh environment of space.

15

00:00:51,416 --> 00:00:54,916

They chilled Lucy to freezing temperatures

16

00:00:54,916 --> 00:00:59,916

and then warmed her up to scalding hot temperatures in the thermal vacuum test.

17

00:00:59,916 --> 00:01:01,750

Sure, those tests weren't easy,

18

00:01:01,750 --> 00:01:04,916

but they prepared Lucy for the long adventure ahead.

19

00:01:04,916 --> 00:01:09,750

(mission announcer) 2, 1, 0... and ignition... and liftoff!