



Lucy's Journey

“**The Trojan Asteroids**”

1
00:00:00,000 --> 00:00:03,003
(music throughout)

2
00:00:05,088 --> 00:00:08,049
So you're finally getting on your way
to your asteroid encounters.

3
00:00:08,049 --> 00:00:11,344
Say, which Trojan asteroid
are you visiting first,

4
00:00:11,344 --> 00:00:15,306
Lucy? Eurybates!

5
00:00:16,641 --> 00:00:18,893
You still have quite a long journey
before you get there.

6
00:00:19,978 --> 00:00:22,939
So why don't you tell us
what you already know about this

7
00:00:22,939 --> 00:00:24,858
first Trojan target?

8
00:00:28,945 --> 00:00:32,907
You're right. We don't know
much about these objects just yet.

9
00:00:33,450 --> 00:00:36,536
Keep in mind, our only observations
of these asteroids

10
00:00:36,745 --> 00:00:40,665
have been from a great distance
away from telescopes back here on Earth.

11
00:00:41,374 --> 00:00:43,710
And with the Hubble Space Telescope.

12

00:00:43,710 --> 00:00:47,088

Scientists have used all kinds
of different telescopes to get basic

13

00:00:47,088 --> 00:00:50,884

information about Lucy's Trojan
asteroid destinations - where they are,

14

00:00:51,176 --> 00:00:54,637

how they're moving,
how big they are, their general color.

15

00:00:55,180 --> 00:00:59,350

And if we're lucky,
a very rough idea of their general shape.

16

00:01:00,602 --> 00:01:02,604

But nothing compares to actually flying

17

00:01:02,604 --> 00:01:05,857

right past these asteroids
and getting a close up view.

18

00:01:06,483 --> 00:01:09,569

And that's where Lucy comes in.

19

00:01:09,694 --> 00:01:13,948

Yeah, exciting! This is the first close
up of these worlds.

20

00:01:14,574 --> 00:01:17,786

You'll be learning as much as you can
about these Trojan asteroids

21

00:01:18,119 --> 00:01:21,873

and giving us a new glimpse
into what these distant worlds are.

22

00:01:22,665 --> 00:01:24,250

Now, get some rest, Lucy.