



1

00:00:01,010 --> 00:00:04,150

NASA is launching four small satellite missions to

2

00:00:04,150 --> 00:00:07,570

do science and test new technologies.

3

00:00:09,100 --> 00:00:12,000

These shoebox-sized spacecraft

4

00:00:12,000 --> 00:00:14,800

each tackle a different challenge.

5

00:00:16,500 --> 00:00:19,700

A pair of small satellites will track each other

6

00:00:19,700 --> 00:00:23,000

and use lasers to transmit data to the ground.

7

00:00:25,050 --> 00:00:28,600

One will explore how antibiotics work in space

8

00:00:28,600 --> 00:00:32,000

to keep astronauts healthy.

9

00:00:33,800 --> 00:00:37,100

Another will test an innovative braking device

10

00:00:37,100 --> 00:00:40,400

to bring science experiments back to Earth.

11

00:00:42,170 --> 00:00:45,170

Finally, a unique antenna will send data

12

00:00:45,170 --> 00:00:49,300

back to Earth, a thousand times faster than before.

13

00:00:51,330 --> 00:00:54,800

These small spacecraft will help NASA reach