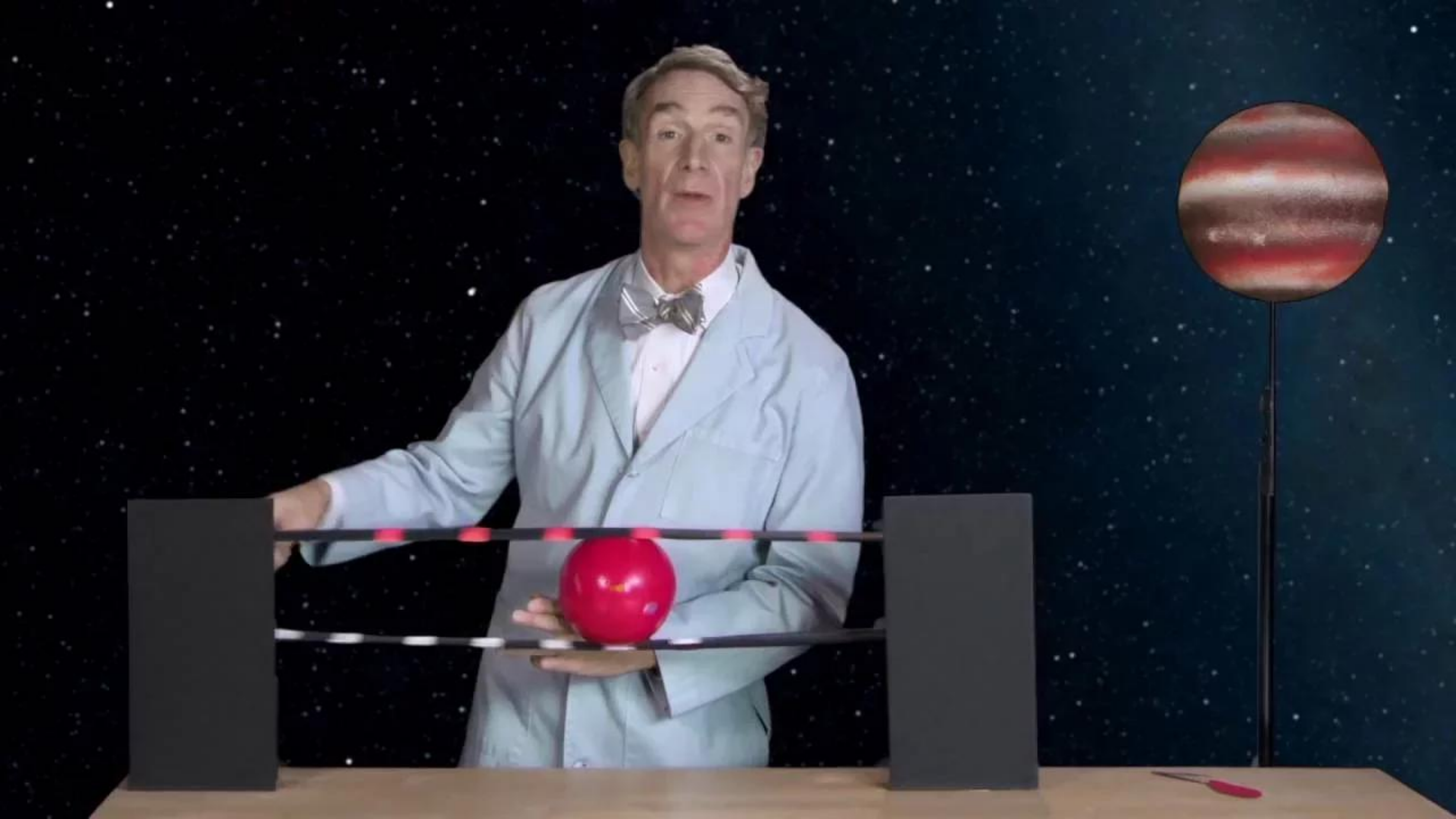

1
00:00:02,400 --> 00:00:07,320
There's been a storm, raging on the planet
Jupiter for over 300 years!

2
00:00:07,560 --> 00:00:14,380
With extraordinary winds and lightning! And nobody knows why or even how big it is really!

3
00:00:14,620 --> 00:00:15,780
It's huge!

4
00:00:17,040 --> 00:00:18,680
Ahhhhhhhh!

5
00:00:27,960 --> 00:00:34,380
The Great Red Spot: The Great Red Spot has been on the surface of Jupiter for at least 300 years.

6
00:00:34,660 --> 00:00:41,440
It was first observed by Gian Domenico
Cassini, three centuries ago.

7
00:00:43,040 --> 00:00:49,560
And he noticed that it seemed to be a big storm on the surface. It's three Earth diameters wide.

8
00:00:49,780 --> 00:00:54,360
And it hasn't moved! It hasn't gone North or South in all that time.

9
00:00:54,360 --> 00:00:56,360
But we really don't know how deep it goes.

10
00:00:57,240 --> 00:01:05,120
Is it a thin feature like a piece
of paper? Or is it a great big, angry wedge

11
00:01:05,120 --> 00:01:09,340
of storm that penetrates deep into Jupiter
all the way to its core,

12
00:01:09,340 --> 00:01:11,340

or what's ever inside?

13
00:01:12,120 --> 00:01:18,540
We don't know. But this we do know: The Great Red Spot is caught between two currents or

14
00:01:18,540 --> 00:01:24,140
bands that are moving in opposite direction.
It's like a ball bearing between two surfaces.

15
00:01:24,140 --> 00:01:28,580
As the bands move, the Great Red Ball stays still.

16
00:01:28,780 --> 00:01:32,700
Course, we don't really call it the Great Red Ball. We call it the Great Red Spot.

17
00:01:32,940 --> 00:01:41,460
And you gotta figure the more we learn about The Great Red Spot, the more we'll know about storms on Jupite