

SPEEDY TIME

EPISODE-5

WATER IN SPACE



1
00:00:00,500 --> 00:00:01,101
>> TODAY WE'RE GOING TO

2
00:00:01,101 --> 00:00:02,802
LOOK AT ONE OF THE COOLEST

3
00:00:02,802 --> 00:00:04,437
PARTS OF HAVING EXPERIMENTS

4
00:00:04,437 --> 00:00:05,839
ON THE SPACE STATION.

5
00:00:05,839 --> 00:00:07,374
IT'S BECAUSE WE CAN

6
00:00:07,374 --> 00:00:08,708
SEPARATE ONE OF THE MOST

7
00:00:08,708 --> 00:00:11,478
DOMINANT FORCES-- GRAVITY--

8
00:00:11,478 --> 00:00:13,446
ON A LOT OF DIFFERENT MODELS.

9
00:00:13,446 --> 00:00:15,248
A GREAT EXAMPLE IS WATER.

10
00:00:15,248 --> 00:00:15,982
WATER IS PRETTY MUCH

11
00:00:15,982 --> 00:00:16,783
DOMINATED BY GRAVITY

12
00:00:16,783 --> 00:00:17,917
ON EARTH, BUT THERE'S OTHER

13
00:00:17,917 --> 00:00:18,818

FORCES AT WORK THAT

14

00:00:18,818 --> 00:00:19,619
IF WE UNDERSTAND BETTER,

15

00:00:19,619 --> 00:00:20,653
WE CAN HAVE A BETTER MODEL

16

00:00:20,653 --> 00:00:22,055
AND MAKE GREATER DISCOVERIES.

17

00:00:22,055 --> 00:00:23,056
THINGS LIKE SURFACE TENSION,

18

00:00:23,056 --> 00:00:23,957
CAPILLARY ACTION.

19

00:00:23,957 --> 00:00:24,691
I'M GOING TO SHOW YOU

20

00:00:24,691 --> 00:00:25,592
TODAY BY TAKING

21

00:00:25,592 --> 00:00:27,660
THIS WONDERFUL BOTTLE--

22

00:00:27,660 --> 00:00:28,595
REPURPOSED FROM A CONDIMENT--

23

00:00:28,595 --> 00:00:30,730
AND BLOWING INTO IT.

24

00:00:30,730 --> 00:00:31,631
WHEN I DISPLACE THE FLUID

25

00:00:31,631 --> 00:00:33,299
WITH AIR, IT WILL COME UP

