

Join

MISSION

IMAGINATION

1
00:00:12,549 --> 00:00:10,310
hi i'm nasa astronaut ricky arnold

2
00:00:14,950 --> 00:00:12,559
welcome to mission imagination

3
00:00:17,750 --> 00:00:14,960
nasa astronaut scott kelly and russian

4
00:00:19,510 --> 00:00:17,760
cosmonaut mikhail kononenko are spending

5
00:00:22,390 --> 00:00:19,520
a year aboard the international space

6
00:00:24,310 --> 00:00:22,400
station a unique microgravity laboratory

7
00:00:26,230 --> 00:00:24,320
orbiting the earth at 17

8
00:00:28,470 --> 00:00:26,240
500 miles per hour

9
00:00:30,390 --> 00:00:28,480
that's five miles per second

10
00:00:32,389 --> 00:00:30,400
the information we learn during their

11
00:00:35,110 --> 00:00:32,399
time off the earth is preparing us for

12
00:00:36,870 --> 00:00:35,120
new missions beyond low earth orbit

13
00:00:39,350 --> 00:00:36,880

the international space station plays a

14

00:00:41,590 --> 00:00:39,360

huge role in helping us one day put boot

15

00:00:43,990 --> 00:00:41,600

prints on the red planet

16

00:00:45,750 --> 00:00:44,000

the year scott and misha spend in space

17

00:00:47,990 --> 00:00:45,760

is teaching us new things about how the

18

00:00:49,510 --> 00:00:48,000

human body adapts to space

19

00:00:51,830 --> 00:00:49,520

we are learning lessons and solving

20

00:00:54,229 --> 00:00:51,840

problems as we head towards the next big

21

00:00:55,750 --> 00:00:54,239

leap and that's where you come in we

22

00:00:57,590 --> 00:00:55,760

need your help

23

00:00:59,590 --> 00:00:57,600

can you take the systems and solutions

24

00:01:01,349 --> 00:00:59,600

we currently use on the space station

25

00:01:04,229 --> 00:01:01,359

and figure out how we can apply them to

26

00:01:06,550 --> 00:01:04,239

long duration deep space missions

27

00:01:08,870 --> 00:01:06,560

it is time to put science technology

28

00:01:11,270 --> 00:01:08,880

engineering and mathematics to work

29

00:01:13,350 --> 00:01:11,280

something we do at nasa every day

30

00:01:16,070 --> 00:01:13,360

join mission imagination and take the

31

00:01:17,910 --> 00:01:16,080

challenge i know that you're up to it

32

00:01:18,950 --> 00:01:17,920

inspire explore