



**SO YOU WANT  
TO GO TO  
MARS?**

**EPISODE 1**

1  
00:00:10,777 --> 00:00:11,478  
>> IN THE FUTURE,

2  
00:00:11,478 --> 00:00:13,079  
WHEN ASTRONAUTS LAND ON MARS,

3  
00:00:13,079 --> 00:00:13,747  
IT WILL BE THANKS TO

4  
00:00:13,747 --> 00:00:15,081  
SOME IMPORTANT LESSONS THAT

5  
00:00:15,081 --> 00:00:16,483  
WE LEARNED ON THE INTERNATIONAL

6  
00:00:16,483 --> 00:00:18,084  
SPACE STATION.

7  
00:00:18,084 --> 00:00:20,387  
REWIND.

8  
00:00:23,957 --> 00:00:25,859  
240 MILES ABOVE THE EARTH,

9  
00:00:25,859 --> 00:00:27,026  
THE INTERNATIONAL SPACE STATION

10  
00:00:27,026 --> 00:00:27,794  
IS WHERE WE CURRENTLY

11  
00:00:27,794 --> 00:00:29,929  
LIVE AND WORK IN SPACE.

12  
00:00:29,929 --> 00:00:30,630  
HERE'S WHAT WE'VE LEARNED

13  
00:00:30,630 --> 00:00:31,898

SO FAR.

14

00:00:31,898 --> 00:00:33,867

FIRST, THERE'S TAKING CARE OF

15

00:00:33,867 --> 00:00:35,435

OUR ASTRONAUTS.

16

00:00:35,435 --> 00:00:36,469

PROLONGED WEIGHTLESSNESS CAN

17

00:00:36,469 --> 00:00:38,238

LEAD TO MUSCLE AND BONE LOSS,

18

00:00:38,238 --> 00:00:39,806

VISION CHANGES, BALANCE

19

00:00:39,806 --> 00:00:41,808

AND COORDINATION LOSS.

20

00:00:41,808 --> 00:00:43,076

THANKS TO THE SPACE STATION,

21

00:00:43,076 --> 00:00:44,344

COUNTERMEASURES ARE BEING

22

00:00:44,344 --> 00:00:45,278

DEVELOPED TO KEEP

23

00:00:45,278 --> 00:00:46,446

ASTRONAUTS HEALTHY FOR

24

00:00:46,446 --> 00:00:49,416

LONG DURATION MISSIONS.

25

00:00:49,416 --> 00:00:51,017

THEN THERE'S THE EQUIPMENT--

26

00:00:51,017 --> 00:00:52,685

SPACECRAFT COMMUNICATION,

27

00:00:52,685 --> 00:00:53,787

WATER RECYCLING,

28

00:00:53,787 --> 00:00:55,121

AIR AND POWER PRODUCTION

29

00:00:55,121 --> 00:00:56,623

ARE ALL BEING TEST DRIVEN ON

30

00:00:56,623 --> 00:00:58,625

THE INTERNATIONAL SPACE STATION.

31

00:00:58,625 --> 00:00:59,492

WHAT WE LEARN ABOUT

32

00:00:59,492 --> 00:01:00,794

OPERATING AND MAINTAINING

33

00:01:00,794 --> 00:01:01,961

OUR GEAR IN THE HARSHNESS

34

00:01:01,961 --> 00:01:03,830

OF SPACE WILL PAVE THE WAY

35

00:01:03,830 --> 00:01:05,064

FOR FUTURE MISSIONS

36

00:01:05,064 --> 00:01:07,300

INTO OUR SOLAR SYSTEM.

37

00:01:07,300 --> 00:01:08,635

AND THAT'S HOW THE SPACE

38

00:01:08,635 --> 00:01:10,136

STATION IS HELPING US EXTEND

39

00:01:10,136 --> 00:01:12,806

HUMAN PRESENCE INTO DEEP SPACE.