



Space**to**Ground

1
00:00:02,981 --> 00:00:05,148
"HOUSTON, STATION ON SPACE TO GROUND."

2
00:00:05,148 --> 00:00:08,450
WELCOME TO SPACE TO GROUND, I AM KAYLA LAFRANCE.

3
00:00:08,450 --> 00:00:11,179
AFTER A WEEKEND OF SPACE WALKING AROUND,

4
00:00:11,179 --> 00:00:13,669
THE CREW ONBOARD THE INTERNATIONAL SPACE STATION

5
00:00:13,669 --> 00:00:18,107
WAS BACK IN ACTION, PERFORMING SCIENCE AND
STATION MAINTENANCE.

6
00:00:19,255 --> 00:00:23,150
THE SPACEWALK ON MARCH 13th, MARKED THE 5TH
EVA OF THE YEAR

7
00:00:23,150 --> 00:00:28,130
AND THE 237TH SPACEWALK IN SUPPORT OF THE
SPACE STATION.

8
00:00:28,130 --> 00:00:31,170
NASA ASTRONAUTS VICTOR GLOVER AND MICHAEL
HOPKINS

9
00:00:31,170 --> 00:00:33,910
TOOK A STROLL OUTSIDE THE ORBITING LABORATORY

10
00:00:33,910 --> 00:00:38,050
TO SERVICE THE STATION'S COOLING SYSTEM
AND COMMUNICATIONS GEAR.

11
00:00:38,050 --> 00:00:41,870
CONCLUDING THEIR SPACEWALK AFTER 6 HOURS AND
47 MINUTES.

12

00:00:41,870 --> 00:00:45,090

THE DUO MANAGED TO COMPLETE THEIR TASKS THAT INCLUDED,

13

00:00:45,090 --> 00:00:49,016

VENTING THE EARLY AMMONIA SYSTEM TO RELOCATE A JUMPER LINE,

14

00:00:49,016 --> 00:00:52,422

SERVICING THE COLUMBUS BARTOLOMEO PAYLOAD PLATFORM,

15

00:00:52,422 --> 00:00:56,484

AND CONFIGURING A CABLE FOR AN AMATEUR RADIO SYSTEM.

16

00:00:57,068 --> 00:01:01,980

BACK INSIDE, JAXA ASTRONAUT SOICHI NOGUCHI WAS COMPLETING

17

00:01:01,980 --> 00:01:05,375

THE ASIAN HERB IN SPACE INVESTIGATION.

18

00:01:05,375 --> 00:01:07,200

WITH AN AIM OF IMPROVING EFFORTS

19

00:01:07,200 --> 00:01:09,890

TO CULTIVATE FAST-GROWING PLANTS IN SPACE,

20

00:01:09,890 --> 00:01:13,990

AND ENHANCING THE UNDERSTANDING OF HOW PLANTS GROW EFFICIENTLY

21

00:01:13,990 --> 00:01:17,677

AND DEVELOP AROMA RICH LEAVES THROUGH HYDROPONIC CULTURE,

22

00:01:17,677 --> 00:01:20,240

ASIAN HERB IN SPACE IS A PROJECT OF

23

00:01:20,240 --> 00:01:23,248

THE SPACE SEEDS FOR ASIAN FUTURE PROGRAM.

24

00:01:23,248 --> 00:01:26,119

A PROGRAM THAT ALLOWS RESEARCHERS AND STUDENTS

25

00:01:26,119 --> 00:01:29,650

IN THE ASIA-PACIFIC REGION TO GROW PLANTS
IN SPACE

26

00:01:29,650 --> 00:01:31,800

ABOARD THE INTERNATIONAL SPACE STATION,

27

00:01:31,800 --> 00:01:34,940

AND THEN COMPARE THE PLANTS WITH THOSE GROWN
ON EARTH.

28

00:01:35,536 --> 00:01:39,510

"AND OBVIOUSLY NOTED FOR PLANTS TO GROW
WE NEED THREE THINGS.

29

00:01:39,510 --> 00:01:44,890

FIRST, SOME NUTRITION, SECOND WATER, AND THE
LIGHT.

30

00:01:44,890 --> 00:01:49,180

AND THE NUTRITION AND THE WATER IS THERE ALREADY
INSIDE,

31

00:01:49,180 --> 00:01:50,690

AND WE NEED THE LIGHTS.

32

00:01:50,690 --> 00:01:54,477

AND WE USE THIS SPACE STATION'S GENERAL
LIGHTING ASSEMBLY

33

00:01:54,477 --> 00:01:57,168

AT WHICH IS JUST A REGULAR LIGHT.

34

00:01:57,168 --> 00:02:00,049

AND THE IN ORDER TO MAKE SURE WE HAVE ENOUGH LIGHT

35

00:02:00,049 --> 00:02:02,870

INTO THAT THE CHAMBER, WHICH MEANS THE PLANT,

36

00:02:02,870 --> 00:02:06,998

WE HAVE A PHOTO SENSING FILM ATTACH ON TOP OF IT

37

00:02:06,998 --> 00:02:10,907

TO MAKE SURE WE HAVE ENOUGH LIGHTING INTO THE CHAMBER.”

38

00:02:11,385 --> 00:02:14,330

THE SPACE FLOWN SEEDS WILL SOON BE DISTRIBUTED

39

00:02:14,330 --> 00:02:16,370

TO SCHOOLS TO LEARN ABOUT THE IMPORTANCE

40

00:02:16,370 --> 00:02:19,034

OF SPACE BIOLOGY RESEARCH.

41

00:02:19,414 --> 00:02:21,420

DO YOU HAVE A FAVORITE PHOTO OF EARTH,

42

00:02:21,420 --> 00:02:23,950

TAKEN BY AN ASTRONAUT ABOARD THE SPACE STATION?

43

00:02:23,950 --> 00:02:28,930

THEN WE NEED YOUR VOTES FOR TOURNAMENT EARTH 2021!

44

00:02:28,930 --> 00:02:31,670

FOR MORE THAN 20 YEARS, ASTRONAUTS HAVE BEEN

45

00:02:31,670 --> 00:02:33,270
SHOOTING PHOTOGRAPHS OF EARTH

46
00:02:33,270 --> 00:02:35,415
FROM THE INTERNATIONAL SPACE STATION.

47
00:02:35,415 --> 00:02:37,230
THEIR UNIQUE VIEWS OF OUR PLANET

48
00:02:37,230 --> 00:02:40,323
IN ALL OF ITS WONDER HAVE INSPIRED US.

49
00:02:40,323 --> 00:02:42,340
SO WHICH ARE THE BEST PHOTOGRAPHS OF EARTH

50
00:02:42,340 --> 00:02:44,264
TAKEN FROM THE SPACE STATION?

51
00:02:44,264 --> 00:02:47,129
OVER THE NEXT FEW WEEKS, YOU CAN DECIDE.

52
00:02:47,129 --> 00:02:49,730
FOLLOW THE LINK BELOW TO SEE THE PHOTOS

53
00:02:49,730 --> 00:02:51,260
COMPETING IN EACH BRACKETS,

54
00:02:51,260 --> 00:02:55,113
TO DOWNLOAD A TOURNAMENT BRACKET, AND TO LEARN
MORE.

55
00:02:55,113 --> 00:02:57,810
IMAGES COMPETING FOR THE TITLE SPOT

56
00:02:57,810 --> 00:02:59,870
HAVE BEEN CHOSEN BY ASTRONAUTS,

57
00:02:59,870 --> 00:03:02,390

THE EARTH SCIENCE AND REMOTE SENSING TEAM,

58

00:03:02,390 --> 00:03:05,156

AND SPACE ENTHUSIASTS LIKE YOU.

59

00:03:05,156 --> 00:03:06,920

VOTING IN ROUND 2 WILL END

60

00:03:06,920 --> 00:03:11,024

ON MARCH 22 AT NOON EASTERN, SO GET YOUR VOTES
IN!

61

00:03:11,548 --> 00:03:13,749

THAT'S SPACE TO GROUND FOR THIS WEEK.