



1  
00:00:10,009 --> 00:00:08,030  
hi my name is Ralph Ritchie and I'm the

2  
00:00:12,259 --> 00:00:10,019  
space crop production project manager

3  
00:00:14,570 --> 00:00:12,269  
with Kennedy Space Center's exploration

4  
00:00:16,490 --> 00:00:14,580  
research and Technology programs as our

5  
00:00:18,380 --> 00:00:16,500  
nation commits itself to returning to

6  
00:00:19,970 --> 00:00:18,390  
the moon and heading on to Mars it's

7  
00:00:22,099 --> 00:00:19,980  
exciting to know that here at the

8  
00:00:24,080 --> 00:00:22,109  
Kennedy Space Center we are fortunate to

9  
00:00:26,000 --> 00:00:24,090  
be able to play such an important part

10  
00:00:27,679 --> 00:00:26,010  
in this great adventure in addition to

11  
00:00:29,900 --> 00:00:27,689  
assembling and launching the vehicles

12  
00:00:31,820 --> 00:00:29,910  
and hardware that will get us there we

13  
00:00:33,950 --> 00:00:31,830

in the space crop production group are

14

00:00:36,590 --> 00:00:33,960

working to provide future crews with the

15

00:00:37,910 --> 00:00:36,600

fresh supplemental nutrition needed to

16

00:00:40,490 --> 00:00:37,920

ensure their health and performance

17

00:00:42,889 --> 00:00:40,500

along the way aside from supplying

18

00:00:44,959 --> 00:00:42,899

nutrition and variety to the diet crop

19

00:00:46,729 --> 00:00:44,969

plants will also enable crews to bring

20

00:00:49,100 --> 00:00:46,739

with them something familiar from home

21

00:00:51,170 --> 00:00:49,110

and that way they will be much like the

22

00:00:53,330 --> 00:00:51,180

early ocean explorers who set out to

23

00:00:55,790 --> 00:00:53,340

discover and settle new worlds here on

24

00:00:58,279 --> 00:00:55,800

earth it's important to realize that the

25

00:00:59,869 --> 00:00:58,289

work we are doing today only represents

26

00:01:02,420 --> 00:00:59,879

the beginning of our exploration

27

00:01:04,579 --> 00:01:02,430

activities for as we continue to explore

28

00:01:06,380 --> 00:01:04,589

we will eventually establish greenhouses

29

00:01:09,170 --> 00:01:06,390

and gardens as part of the permanent

30

00:01:11,570 --> 00:01:09,180

presence on the Moon and Mars it'll be

31

00:01:13,039 --> 00:01:11,580

the young people we inspire today who