The International Space Station

1
00:01:14,630 --> 00:00:14,070
team one's motto is

2
00:01:19,190 --> 00:01:17,109
my name is norman chaffee i've been here

3
00:01:22,230 --> 00:01:19,200
for 53 years

4
00:01:24,830 --> 00:01:22,240
i retired in 98 and became a contractor

5
00:01:27,030 --> 00:01:24,840
and a consultant but i am also a rocket

6
00:01:28,789 --> 00:01:27,040
scientist norman chaffee spoke to us

7
00:01:31,030 --> 00:01:28,799
about the engineering behind the saturn

8
00:01:32,789 --> 00:01:31,040
v it was very interesting and motivating

9
00:01:35,030 --> 00:01:32,799
to see firsthand how the rocket was

10
00:01:48,310 --> 00:01:35,040
designed and built by a real rocket

11
00:01:52,069 --> 00:01:50,149
our speaker annie schnock enlightened us

12
00:01:53,590 --> 00:01:52,079
by the general information research that

13
00:01:59,350 --> 00:01:53,600

goes into the international space

14
00:02:03,830 --> 00:02:01,270
the lobster challenge was a competition

15
00:02:06,469 --> 00:02:03,840
to lift our lander supplies up to the

16
00:02:09,109 --> 00:02:06,479
second floor using a fishing line a

17
00:02:23,910 --> 00:02:09,119
straw and balloons as you can see we

18
00:02:23,920 --> 00:02:34,790
and the end gray team one

19
00:02:39,110 --> 00:02:37,270
hello guys my name is nicholas lawson

20
00:02:41,430 --> 00:02:39,120
i was on the white team

21
00:02:42,869 --> 00:02:41,440
and i was basically in charge of working

22
00:02:44,869 --> 00:02:42,879
on the

23
00:02:46,229 --> 00:02:44,879
the presentation and more specifically

24
00:02:48,309 --> 00:02:46,239
the climate

25
00:02:50,390 --> 00:02:48,319
aspect of it i would do a whole bunch of

26
00:02:56,070 --> 00:02:50,400
research finding on

27
00:03:00,790 --> 00:02:57,910
so i'm mo donnelly i'm the lead engineer

28
00:03:02,949 --> 00:03:00,800
for the habitat design team of our white

29
00:03:04,390 --> 00:03:02,959
team and what we did is we decided how

30
00:03:07,110 --> 00:03:04,400
to make the habitat

31
00:03:09,910 --> 00:03:07,120
for the mars astronauts and how to use

32
00:03:15,589 --> 00:03:09,920
in-situ resources to make proper living

33
00:03:18,390 --> 00:03:17,670
to complete our research for our habitat

34
00:03:21,270 --> 00:03:18,400
design

35
00:03:23,750 --> 00:03:21,280
we interviewed dr jim broyan who is a

36
00:03:26,550 --> 00:03:23,760
habitat engineer for nasa

37
00:03:28,229 --> 00:03:26,560
he gave valuable insight on our design

38
00:03:30,309 --> 00:03:28,239

which ultimately helped better our

39
00:03:31,670 --> 00:03:30,319
presentation

40
00:03:33,670 --> 00:03:31,680
we're coming about what you guys are

41
00:03:35,990 --> 00:03:33,680
doing on the surface or

42
00:03:37,830 --> 00:03:36,000
living there okay we'll start off with

43
00:03:43,990 --> 00:03:37,840
um we have three different designs we're

44
00:03:48,470 --> 00:03:46,070
my name is stephanie zhang and i'm the

45
00:03:50,390 --> 00:03:48,480
engineer for the plant growth facilities

46
00:03:52,149 --> 00:03:50,400
we are doing research for the plant

47
00:03:54,630 --> 00:03:52,159
growth facility so we're trying to see

48
00:03:57,350 --> 00:03:54,640
what kind of plants grow best on mars

49
00:04:15,509 --> 00:03:57,360
and we're going to be using a hydroponic

50
00:04:19,430 --> 00:04:17,270
this experience has provided us with a

51
00:04:21,030 --> 00:04:19,440
lot of valuable insight and knowledge we

52
00:04:23,350 --> 00:04:21,040
learned how to bond and work as a team

53
00:04:24,710 --> 00:04:23,360
with people we barely knew our team has

54
00:04:26,870 --> 00:04:24,720
really grown together with every

55
00:04:28,550 --> 00:04:26,880
activity and learned to accept new ideas

56
00:04:30,070 --> 00:04:28,560
on top of all the general knowledge we

57
00:04:31,110 --> 00:04:30,080
learned about nasa

58
00:04:32,950 --> 00:04:31,120
we would like to thank all the

59
00:04:34,710 --> 00:04:32,960
contributors to this outstanding program

60
00:04:37,030 --> 00:04:34,720
because we will all leave with a better