

3 TYPES OF SPACE STATION SCIENCE EXPERIMENTS



1
00:00:00,256 --> 00:00:06,666
There's hundreds of experiments
we're involved with and I

2
00:00:06,936 --> 00:00:15,166
like to categorize those
into 3 different categories.

3
00:00:15,166 --> 00:00:22,526
We are the experiment, we the
astronauts are the experiments.

4
00:00:22,526 --> 00:00:24,966
We're doing blood
draws, or urine samples,

5
00:00:26,916 --> 00:00:30,916
or they're doing ultrasounds on
our eyeballs, testing like that.

6
00:00:31,266 --> 00:00:35,576
The second class is
where we are operators.

7
00:00:35,736 --> 00:00:37,596
We are the operators
and we are talking

8
00:00:37,596 --> 00:00:38,966
to the principal investigators

9
00:00:38,966 --> 00:00:41,446
on the planet while we
perform the experiments

10
00:00:41,536 --> 00:00:42,546
to their specifications.

11
00:00:43,406 --> 00:00:46,676

Ants in space was a
lot of fun for the kids

12

00:00:46,676 --> 00:00:47,756
and for the scientists.

13

00:00:49,676 --> 00:00:54,186
The third kind of
experiments are the ones

14

00:00:54,186 --> 00:00:59,516
where we maintain
the space station.

15

00:00:59,926 --> 00:01:10,916
By us maintaining the space
station, maintaining the power,

16

00:01:10,916 --> 00:01:13,006
maintaining the cooling,
maintaining the systems,

17

00:01:13,376 --> 00:01:16,346
we are supporting those
experiments allowing them

18

00:01:16,346 --> 00:01:19,246
to use the platform of the
International Space Station.

19

00:01:19,246 --> 00:01:22,036
I think it's one of mans'
greatest achievements.

20

00:01:22,196 --> 00:01:25,116
And now it's a fully
operational, fully functional,

21

00:01:25,466 --> 00:01:28,946
world-class laboratory

that is performing research

22

00:01:28,946 --> 00:01:30,116

on a daily basis.