

WHAT DOES A  
CUBESAT DO?

1  
00:00:02,610 --> 00:00:04,560

That's the great thing about this innovative approach to

2  
00:00:04,560 --> 00:00:07,460

Exploration it's up to you!

3  
00:00:07,460 --> 00:00:10,460

A CubeSat is kind of like a cargo container on a ship: it has a

4  
00:00:10,460 --> 00:00:13,150

standard size and shape, and you can pack in whatever you

5  
00:00:13,150 --> 00:00:14,150

want.

6  
00:00:14,150 --> 00:00:17,210

Similarly, with CubeSats it's what's inside that

7  
00:00:17,210 --> 00:00:18,210

counts!

8  
00:00:18,210 --> 00:00:19,490

And it's up to you to decide what you want to

9  
00:00:19,490 --> 00:00:20,490

discover.

10  
00:00:20,490 --> 00:00:22,950

Maybe you want to have a weather satellite, measure

11  
00:00:22,950 --> 00:00:25,630

Earth's gravity, or take pictures from space.

12  
00:00:25,630 --> 00:00:28,230  
Maybe you'll turn your attention to the moon  
or the solar

13  
00:00:28,230 --> 00:00:31,240  
wind, or be on the lookout for incoming asteroids.

14  
00:00:31,240 --> 00:00:32,240  
With

15  
00:00:32,240 --> 00:00:36,050  
CubeSats, you get to define your own space  
adventure.

16  
00:00:36,050 --> 00:00:37,600  
Keep your goal focused though!

17  
00:00:37,600 --> 00:00:38,610  
CubeSats are quite small,

18  
00:00:38,610 --> 00:00:41,980  
and you have to pack in all of your science  
tools, wiring, and

19  
00:00:41,980 --> 00:00:44,870  
computer processors, plus add power and communications

20  
00:00:44,870 --> 00:00:46,280  
systems for them to work.

21  
00:00:46,280 --> 00:00:48,530  
But it's not too hard even kids in

22  
00:00:48,530 --> 00:00:50,830  
elementary schools have built CubeSats!

23  
00:00:50,830 --> 00:00:51,920  
Someday, these

