



1  
00:00:06,110 --> 00:00:03,800  
using the camera on nasa's mars odyssey

2  
00:00:08,509 --> 00:00:06,120  
orbiter california middle school

3  
00:00:11,210 --> 00:00:08,519  
students recently discovered a cave on

4  
00:00:13,370 --> 00:00:11,220  
mars the discovery by the seventh grade

5  
00:00:15,710 --> 00:00:13,380  
class at evergreen middle school in

6  
00:00:18,170 --> 00:00:15,720  
cottonwood california was made possible

7  
00:00:20,359 --> 00:00:18,180  
by nasa's mars student imaging program

8  
00:00:22,609 --> 00:00:20,369  
program that invites classrooms

9  
00:00:25,099 --> 00:00:22,619  
nationwide to conduct planetary

10  
00:00:27,200 --> 00:00:25,109  
exploration and science using NASA

11  
00:00:29,420 --> 00:00:27,210  
instruments the program is run by

12  
00:00:31,640 --> 00:00:29,430  
arizona state university tempe and

13  
00:00:40,520 --> 00:00:31,650

## NASA's Jet Propulsion Laboratory

14

00:00:40,530 --> 00:00:44,480

you

15

00:00:49,400 --> 00:00:47,630

NASA's marston engine project was really

16

00:00:51,950 --> 00:00:49,410

designed to give students authentic

17

00:00:53,810 --> 00:00:51,960

research opportunities in science the

18

00:00:55,520 --> 00:00:53,820

really cool thing is that they're able

19

00:00:58,100 --> 00:00:55,530

to use a camera on the Mars Odyssey

20

00:00:59,660 --> 00:00:58,110

orbiter take a picture and it gets

21

00:01:01,430 --> 00:00:59,670

returned to them they get to work with

22

00:01:03,530 --> 00:01:01,440

the science teams and come up with their

23

00:01:05,540 --> 00:01:03,540

own research results these students are

24

00:01:07,580 --> 00:01:05,550

typical middle school students from a

25

00:01:10,010 --> 00:01:07,590

small town and what they've achieved in

26  
00:01:12,740 --> 00:01:10,020  
discovering a cave on Mars really speaks

27  
00:01:15,170 --> 00:01:12,750  
to what students all over the country

28  
00:01:17,540 --> 00:01:15,180  
can do no matter where they are the real

29  
00:01:20,360 --> 00:01:17,550  
payoff in my mind of a project that

30  
00:01:22,730 --> 00:01:20,370  
allows students to participate in Mars

31  
00:01:24,410 --> 00:01:22,740  
missions or any NASA mission is that

32  
00:01:25,640 --> 00:01:24,420  
they can really see themselves as

33  
00:01:28,130 --> 00:01:25,650  
scientists and engineers of the future

34  
00:01:30,800 --> 00:01:28,140  
their confidence grows they're doing