1
00:00:06,630 --> 00:00:04,470
two student design spacecraft each not

2
00:00:09,030 --> 00:00:06,640
much bigger than a child's toy block

3
00:00:11,990 --> 00:00:09,040
will fly on a nasa sub-orbital sounding

4
00:00:14,549 --> 00:00:12,000
rocket between six and nine a.m eastern

5
00:00:17,109 --> 00:00:14,559
standard time march 11 from nasa's

6
00:00:19,590 --> 00:00:17,119
wallops flight facility in virginia

7
00:00:21,750 --> 00:00:19,600
known as cubesats the spacecraft

8
00:00:24,150 --> 00:00:21,760
designed by kentucky and california

9
00:00:26,150 --> 00:00:24,160
college students will gather information

10
00:00:28,390 --> 00:00:26,160
that could be applied to future small

11
00:00:32,069 --> 00:00:28,400
earth orbiting space vehicles what we're

12
00:00:34,389 --> 00:00:32,079
trying to do is create um a mission that

13
00:00:36,790 --> 00:00:34,399

merges the 17-inch sandman rocket

14
00:00:39,350 --> 00:00:36,800
diameter sounding rockets and nasa

15
00:00:42,630 --> 00:00:39,360
wallops with cubesats which have been

16
00:00:44,869 --> 00:00:42,640
flown by educational university programs

17
00:00:47,910 --> 00:00:44,879
for several years many many years and

18
00:00:49,830 --> 00:00:47,920
even nasa has flown cubesats before 72

19
00:00:52,229 --> 00:00:49,840
seconds into the sub-orbital flight the

20
00:00:55,029 --> 00:00:52,239
cubesats weighing about two pounds will

21
00:00:57,830 --> 00:00:55,039
be ejected at an altitude of about 77

22
00:01:00,150 --> 00:00:57,840
miles nasa is flying the cubesats as

23
00:01:02,709 --> 00:01:00,160
secondary experiments on a flight whose

24
00:01:04,229 --> 00:01:02,719
main purpose is to test improvements to

25
00:01:06,310 --> 00:01:04,239
the rocket's motor

26
00:01:08,870 --> 00:01:06,320
cubesats could pave the way to a whole