



1
00:00:00,200 --> 00:00:01,267



2
00:00:01,300 --> 00:00:02,902

Text: The Opportunity
rover is turning 13

3
00:00:02,935 --> 00:00:04,470

Opportunity is turning 13.

4
00:00:04,503 --> 00:00:05,872

13. Wow!

5
00:00:05,905 --> 00:00:07,907

Ugh! The teenage years....

6
00:00:08,340 --> 00:00:11,144

Text: 6 Ways Opportunity
is Like a Teenager

7
00:00:11,777 --> 00:00:14,414

Text: #1 More Independent

8
00:00:14,847 --> 00:00:15,982

[Mike Seibert] Opportunity
has turned into

9
00:00:16,015 --> 00:00:17,550

quite the mountain climber.

10
00:00:17,583 --> 00:00:18,718

Text: Designed to climb
15-degree slopes

11
00:00:18,818 --> 00:00:21,955

Text: Has handled
30-degree inclines on Mars

12

00:00:22,555 --> 00:00:23,856
[Hallie Gengle] But sometimes
she's too optimistic

13

00:00:23,889 --> 00:00:26,359
and thinks she can keep driving
when she really shouldn't.

14

00:00:26,392 --> 00:00:29,029
Like a typical teenager, she
tends to think she's invincible.

15

00:00:30,062 --> 00:00:32,265
Text: #2 Stays up late

16

00:00:32,298 --> 00:00:33,599
[Kyle Cloutier] Sometimes she
stays up really late

17

00:00:33,632 --> 00:00:35,034
talking to her friends,

18

00:00:35,067 --> 00:00:37,236
Odyssey and MAVEN, the
Mars orbiters.

19

00:00:37,269 --> 00:00:42,609
Text: Odyssey and MAVEN relay
data to and from Earth

20

00:00:42,975 --> 00:00:44,844
She even pulls
all-niters sometimes

21

00:00:44,877 --> 00:00:47,080
looking at the
moons, Phobos or Deimos

22

00:00:47,113 --> 00:00:49,549
Text: Opportunity's

Pancam View of Deimos

23

00:00:50,349 --> 00:00:52,552

Text: #3 Loves to Share

24

00:00:52,952 --> 00:00:54,787

[Keri Bean] Opportunity loves to document everything.

25

00:00:54,820 --> 00:00:56,823

She just loves to share pictures.

26

00:00:57,056 --> 00:00:58,591

TEXT: Opportunity's images are available at:

27

00:00:58,624 --> 00:01:00,727

<http://nasa.gov/mer/>

28

00:01:01,393 --> 00:01:03,930

Text: #4 Doesn't always call home

29

00:01:03,963 --> 00:01:05,999

UH! Sometimes she gives us the silent treatment.

30

00:01:06,198 --> 00:01:07,834

[Kevin Rich] It's not that she doesn't want to call home.

31

00:01:07,967 --> 00:01:11,237

Text: Sometimes the Endeavour Crater rim

32

00:01:11,270 --> 00:01:15,041

blocks Opportunity's communication path

33

00:01:15,074 --> 00:01:16,442

[Jennifer Heerman] We know
Opportunity's been up to

34

00:01:16,475 --> 00:01:19,145

something because there's
less energy in the batteries

35

00:01:19,178 --> 00:01:21,047

than there was when
she called home.

36

00:01:21,881 --> 00:01:24,017

Text: #5 Getting Smarter

37

00:01:24,550 --> 00:01:26,819

Sometimes Opportunity
thinks she's smarter than us

38

00:01:26,852 --> 00:01:29,188

and refuses to go where
we tell her to go.

39

00:01:29,221 --> 00:01:30,690

She's usually right.

40

00:01:31,190 --> 00:01:33,059

She roved her first
marathon last year,

41

00:01:33,092 --> 00:01:35,261

farther than any other
rover in history.

42

00:01:35,494 --> 00:01:37,730

Text: It only took
11 years, 2 months

43

00:01:37,763 --> 00:01:40,600

She's received a number
software updates.

44

00:01:40,633 --> 00:01:41,801

She's become smarter

45

00:01:42,067 --> 00:01:44,804

Text: Software updates have
made her more autonomous

46

00:01:44,837 --> 00:01:46,906

She's definitely maturing
and she's growing up

47

00:01:47,773 --> 00:01:49,742

Text: #6 Always Curious

48

00:01:49,775 --> 00:01:51,177

[Abigail Fraeman] Opportunity
has taught us that

49

00:01:51,210 --> 00:01:52,278

the water on Mars

50

00:01:52,311 --> 00:01:54,514

would've been something
that life could've lived in.

51

00:01:54,880 --> 00:01:57,383

Text: Opportunity's
next destination:

52

00:01:57,416 --> 00:01:59,785

a possibly water-carved gully

53

00:01:59,818 --> 00:02:02,488

Congratulations on becoming
a teenager, Opportunity.

54

00:02:02,521 --> 00:02:05,625

Here's to at least another
13 years of exploring Mars.

55

00:02:05,658 --> 00:02:07,493

Happy 13th birthday!

56

00:02:07,526 --> 00:02:08,895

Happy birthday Opportunity!

57

00:02:08,995 --> 00:02:11,798

Remember the day you landed
like it was yesterday.

58

00:02:11,898 --> 00:02:14,300

Happy 13th birthday Oppy!

59

00:02:14,400 --> 00:02:16,336

And many more...