

The logo for the NASA Human Exploration Rover Challenge is centered in the upper half of the image. It features the words "NASA Human Exploration" in a white, sans-serif font on a black, curved banner. To the right of this banner, the word "ROVER" is written in large, bold, silver, 3D-style letters. Below "ROVER", the word "CHALLENGE" is written in large, bold, blue, 3D-style letters. The entire logo is set against a background of a dark, rocky, and cracked surface, possibly representing a planetary terrain. A bright, glowing light source is visible in the top left corner, creating a lens flare effect. A red and black checkered flag is partially visible behind the "CHALLENGE" text.

*NASA Human
Exploration* **ROVER**
CHALLENGE

April 10-12, 2014

1
00:00:04,004 --> 00:00:04,888
anniversary of an extraordinary student

2
00:00:05,005 --> 00:00:06,247
engineering challenge.

3
00:00:07,007 --> 00:00:08,311
Twenty years of innovation. Twenty

4
00:00:08,346 --> 00:00:09,992
years of teamwork. Of solving problems

5
00:00:10,027 --> 00:00:12,615
the way real NASA engineers do.

6
00:00:12,650 --> 00:00:15,542
Conceived in 1993 to honor the legacy

7
00:00:15,577 --> 00:00:17,631
of engineering that opened the lunar

8
00:00:17,666 --> 00:00:19,734
frontier during the Apollo years, the

9
00:00:19,769 --> 00:00:21,614
NASA Great Moonbuggy Race has been a

10
00:00:21,649 --> 00:00:23,919
hands-on way to inspire new generations

11
00:00:23,954 --> 00:00:25,775
of engineers and explorers.

12
00:00:25,810 --> 00:00:28,472
For two decades, it has drawn thousands

13
00:00:28,507 --> 00:00:30,582

of enterprising student teams here-

14

00:00:30,617 --> 00:00:32,934

... to the U.S. Space & Rocket Center

15

00:00:32,969 --> 00:00:35,094

in Huntsville, Alabama, which is home

16

00:00:35,129 --> 00:00:36,622

to the race each spring.

17

00:00:36,657 --> 00:00:39,199

It will be here, in April of 2014, that

18

00:00:39,234 --> 00:00:41,287

we'll see teamwork, innovation and the

19

00:00:41,322 --> 00:00:43,119

spirit of exploration taken to a whole

20

00:00:43,154 --> 00:00:44,791

new level of competition.

21

00:00:44,826 --> 00:00:47,110

Introducing THE NASA ROVER CHALLENGE...

22

00:00:47,145 --> 00:00:49,071

applying student ingenuity and

23

00:00:49,106 --> 00:00:50,591

invention to the next era of space

24

00:00:50,626 --> 00:00:52,159

exploration and discovery.

25

00:00:52,194 --> 00:00:54,246

Led by race organizers at the

26

00:00:54,281 --> 00:00:55,687

Marshall Space Flight Center in

27

00:00:55,722 --> 00:00:57,422

Huntsville, NASA will challenge high

28

00:00:57,457 --> 00:00:59,719

school and college teams not just to

29

00:00:59,754 --> 00:01:01,287

honor the historic engineering

30

00:01:01,322 --> 00:01:02,712

breakthroughs of the past, but to

31

00:01:02,747 --> 00:01:04,782

look to the future -- to new missions

32

00:01:04,817 --> 00:01:06,694

of exploration, on the surfaces of

33

00:01:06,729 --> 00:01:08,559

worlds other than our own.

34

00:01:08,594 --> 00:01:10,502

Teams will design, build and test

35

00:01:10,537 --> 00:01:12,335

rovers to navigate potential

36

00:01:12,370 --> 00:01:14,423

destinations: perhaps a planet, maybe

37

00:01:14,458 --> 00:01:17,390

a moon, even an asteroid or comet.

38

00:01:17,425 --> 00:01:19,663

The destination and design

39

00:01:19,698 --> 00:01:21,959

specifications can change from year

40

00:01:21,994 --> 00:01:23,870

to year. The solutions to these new

41

00:01:23,905 --> 00:01:25,871

challenges? Those will be up to the

42

00:01:25,906 --> 00:01:27,215

teams.

43

00:01:27,250 --> 00:01:28,719

Next April, they'll bring their

44

00:01:28,754 --> 00:01:30,798

rovers here, one of America's cradles

45

00:01:30,833 --> 00:01:33,046

of space exploration, to compete on

46

00:01:33,081 --> 00:01:35,038

our new course. They'll also be

47

00:01:35,073 --> 00:01:36,871

assessed and reviewed by NASA experts

48

00:01:36,906 --> 00:01:38,791

who are studying practical solutions

49

00:01:38,826 --> 00:01:40,966

to the same challenge: navigating and

50

00:01:41,001 --> 00:01:42,750

exploring potential destinations

51
00:01:42,785 --> 00:01:44,199
across our solar system.

52
00:01:44,234 --> 00:01:46,462
There's no time to lose. Teams should

53
00:01:46,497 --> 00:01:48,143
visit the NASA Rover Challenge's

54
00:01:48,178 --> 00:01:49,591
official website to read the new

55
00:01:49,626 --> 00:01:51,398
requirements and design guidelines, and

56
00:01:51,433 --> 00:01:53,446
register for the competition.

57
00:01:53,481 --> 00:01:55,383
Friend us on Facebook, and follow us on

58
00:01:55,418 --> 00:01:57,326
Twitter for up-to-the-minute news and

59
00:01:57,361 --> 00:01:58,558
announcements as they happen.

60
00:01:58,593 --> 00:02:00,454
The NASA Rover Challenge is under way,

61
00:02:00,489 --> 00:02:02,174
and with your help, exploration of the

62
00:02:02,209 --> 00:02:04,486
solar system won't be far behind.