



1

00:00:02,120 --> 00:00:06,680

For millennia, humans have pondered our mysterious red neighbor Mars.

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00:00:06,680 --> 00:00:07,779

?Is life there?

3

00:00:07,779 --> 00:00:09,049

Could we live there?

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00:00:09,049 --> 00:00:10,530

What secrets does it hold?

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00:00:10,530 --> 00:00:13,460

How soon might we be able to go there??

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00:00:13,460 --> 00:00:17,640

These are questions that have fascinated me as a film maker that NASA helped me to answer

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00:00:17,640 --> 00:00:20,610

in the upcoming film The Martian.

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00:00:20,610 --> 00:00:23,990

Sending humans to Mars safely, is a priority of NASA.

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00:00:23,990 --> 00:00:30,000

It started the landing of the robotic rovers on Martian soil such as Spirit, Opportunity

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00:00:30,000 --> 00:00:32,000

and Curiosity.

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00:00:32,000 --> 00:00:37,760

The data and images these magnificent robots have sent back to earth have piqued our imagination

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00:00:37,760 --> 00:00:39,710

and heightened our determination to go.

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00:00:39,710 --> 00:00:45,879

Paving the way for the safe journey and touchdown of humans in the 2030's.

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00:00:45,879 --> 00:00:50,170

Humans are already preparing for this journey by living 250 miles overhead on the International

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00:00:50,170 --> 00:00:53,179

Space Station, where there is no gravity.

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00:00:53,179 --> 00:00:57,120

The round-trip to Mars, could take 500 days or longer.

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00:00:57,120 --> 00:01:01,999

The journey, require the most sophisticated technology ever built, including the new Orion

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00:01:01,999 --> 00:01:05,740

spacecraft on the path of space launch system rocket.

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00:01:05,740 --> 00:01:11,570

When we invent new technologies for space exploration, it benefits all of humanity contributing

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00:01:11,570 --> 00:01:14,300

to new breakthroughs in medicine, communications and manufacturing.

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00:01:14,300 --> 00:01:20,300

The journey to Mars, will change our history books, forever, rewriting what we know about