



# Cars on Mars: Roving the Red Planet

*By Alexandra Siy*

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## **Cars on Mars: Roving the Red Planet** By Alexandra Siy

In CARS ON MARS readers can follow the course of NASA's Mars Exploration Rover (MER) mission as twin rovers Spirit and Opportunity explore the Red Planet. Learn how scientists determined that there was once water on Mars and how the Earthbound NASA team resolved problems with the rovers from afar in order to prolong the mission, which continues today.

The author provides insight into scientists' quest to discover whether life may have or still might exist on Mars. Back matter includes glossary, source notes, and resources.

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## **Cars on Mars: Roving the Red Planet** By Alexandra Siy Bibliography

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## Editorial Review

From School Library Journal

Starred Review. Grade 5-8—Dubbed *Spirit* and *Opportunity* in a naming contest won by a nine-year-old, the two golf-cart-sized rovers sent to Mars in 2003 were designed to last for three months. Battered but game, they're still inching along all these years later. Here Siy not only pays affectionate tribute to their longevity—titling her final chapter Shake off the dust, recharge at the rest area, and continue indefinitely—but also describes and explains in exact detail their most stirring discovery: strong evidence that water once drenched, dribbled, dripped, doused, trickled, gushed, and poured on the Martian surface. An array of large illustrations includes a labeled diagram that identifies all of the rovers' scientific gear, plus color photos, photo composites, and (carefully identified) artists' conceptions of Martian vistas, craters, rocks, and even microscopic features. Closing with plenty of useful end matter and a full-page planetary portrait, this title will sweep readers up in an exploratory mission that has come closer than any other so far to finding sure signs of extraterrestrial life.—*John Peters, New York Public Library*

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## Review

Starred Review. In 2004, two unusual robots landed on Mars: Spirit and Opportunity. Controlled by scientists at NASA, the golf-cart-sized, remote-controlled rovers roll slowly across the planet's terrain, collect and analyze geological samples, and transfer data (including pictures) back to earth. Although the rovers were designed to last for 90 days, they continue to work more than five years later. In this well-designed book, Siy provides a clearly written overview of the rovers' explorations on Mars. The inclusion of many quotes from astronomer Steve Squyres, principal investigator for the Mars rover mission, offers a scientist's point of view on day-to-day challenges and rewards of the project, which succeeded in finding traces of water in the planet's geological record. The book's fine paper quality allows for excellent reproduction of the well-captioned illustrations: photos taken on earth, color and black-and-white images from Mars, artistic conceptions of space scenes, as well as a clearly labeled diagram of a Mars rover. Appendixes include a bibliography, a glossary, a brief source note, and a page of additional information with pointers to related Web sites, including one that tracks the current status of Spirit and Opportunity. Handsome and informative. --*Booklist*, starred review

Starred review. Dubbed Spirit and Opportunity in a naming contest won by a nine-year-old, the two golf-cart-sized rovers sent to Mars in 2003 were designed to last for three months. Battered but game, they're still inching along all these years later. Here Siy not only pays affectionate tribute to their longevity—titling her final chapter Shake off the dust, recharge at the rest area, and continue indefinitely—but also describes and explains in exact detail their most stirring discovery: strong evidence that water once drenched, dribbled, dripped, doused, trickled, gushed, and poured on the Martian surface. An array of large illustrations includes a labeled diagram that identifies all of the rovers' scientific gear, plus color photos, photo composites, and (carefully identified) artists' conceptions of Martian vistas, craters, rocks, and even microscopic features. Closing with plenty of useful end matter and a full-page planetary portrait, this title will sweep readers up in an exploratory mission that has come closer than any other so far to finding sure signs of extraterrestrial life. --*School Library Journal*, starred review

## About the Author

Alexandra Siy is the author of several award-winning nonfiction children's books, including SNEEZE!, MOSQUITO BITE, and FOOTPRINTS ON THE MOON. She lives in Fuera Bush, New York.



## **Users Review**

### **From reader reviews:**

#### **Freddie Hoops:**

Book is to be different for every grade. Book for children right up until adult are different content. As you may know that book is very important normally. The book Cars on Mars: Roving the Red Planet had been making you to know about other knowledge and of course you can take more information. It is quite advantages for you. The book Cars on Mars: Roving the Red Planet is not only giving you considerably more new information but also being your friend when you truly feel bored. You can spend your spend time to read your e-book. Try to make relationship while using book Cars on Mars: Roving the Red Planet. You never truly feel lose out for everything when you read some books.

#### **Kimberly Franks:**

Information is provisions for folks to get better life, information nowadays can get by anyone at everywhere. The information can be a know-how or any news even a problem. What people must be consider while those information which is within the former life are hard to be find than now's taking seriously which one is acceptable to believe or which one the resource are convinced. If you find the unstable resource then you get it as your main information you will have huge disadvantage for you. All of those possibilities will not happen within you if you take Cars on Mars: Roving the Red Planet as your daily resource information.

#### **Robert Lindsey:**

Spent a free time for you to be fun activity to complete! A lot of people spent their free time with their family, or their very own friends. Usually they accomplishing activity like watching television, going to beach, or picnic inside park. They actually doing same task every week. Do you feel it? Do you want to something different to fill your personal free time/ holiday? May be reading a book could be option to fill your totally free time/ holiday. The first thing that you ask may be what kinds of guide that you should read. If you want to try look for book, may be the book untitled Cars on Mars: Roving the Red Planet can be fine book to read. May be it is usually best activity to you.

#### **Shaun Sae:**

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