Mars

Mars Rover



2

moons: Phobos and Deimos



Roll, look closely, and send a picture home.

Why so red?

Rusty iron minerals in the rocks and dust give Mars its reddish colour.

Robot explorers

Rovers are robots that explore the ground. Their pictures help us learn about Mars.

A giant volcano

Olympus Mons is the largest volcano in our solar system.

Two little moons

Phobos and Deimos are small and lumpy. They are not shaped like perfect balls.

ROVER A robot vehicle that explores the surface of another world.

Bea asks

What makes Mars look red?

○ Rusty minerals ○ Red paint

Can you find the little clay fish on this page?

Facts: NASA | science.nasa.gov/mars/facts/

Story artwork; pictures and diagrams are not to scale.

Mars: your mission

Use a pencil or crayons. You can tell an answer instead of writing it.

One, two, three: send pictures!

Pretend you are the rover. Draw three discoveries to send home: a rock, a landscape, and the two moons.

1	2	3
A rock	The landscape	Two moons

Read together: Look like a rover scientist

A rover uses cameras and instruments to explore. Look closely at an ordinary rock: describe its colour, shape and texture without guessing what is inside. On Mars, a red colour does not mean warmth; it is a cold world.

Make a scientist's note

Pick one of your pictures. Write one thing you notice and one question you would ask.

I notice: _____

I wonder: _____

For grown-ups: Rusty minerals. Open-ended drawings and observations. The moons should be two uneven shapes, not copies of Earth's Moon. Rust explains Mars' red colour.

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