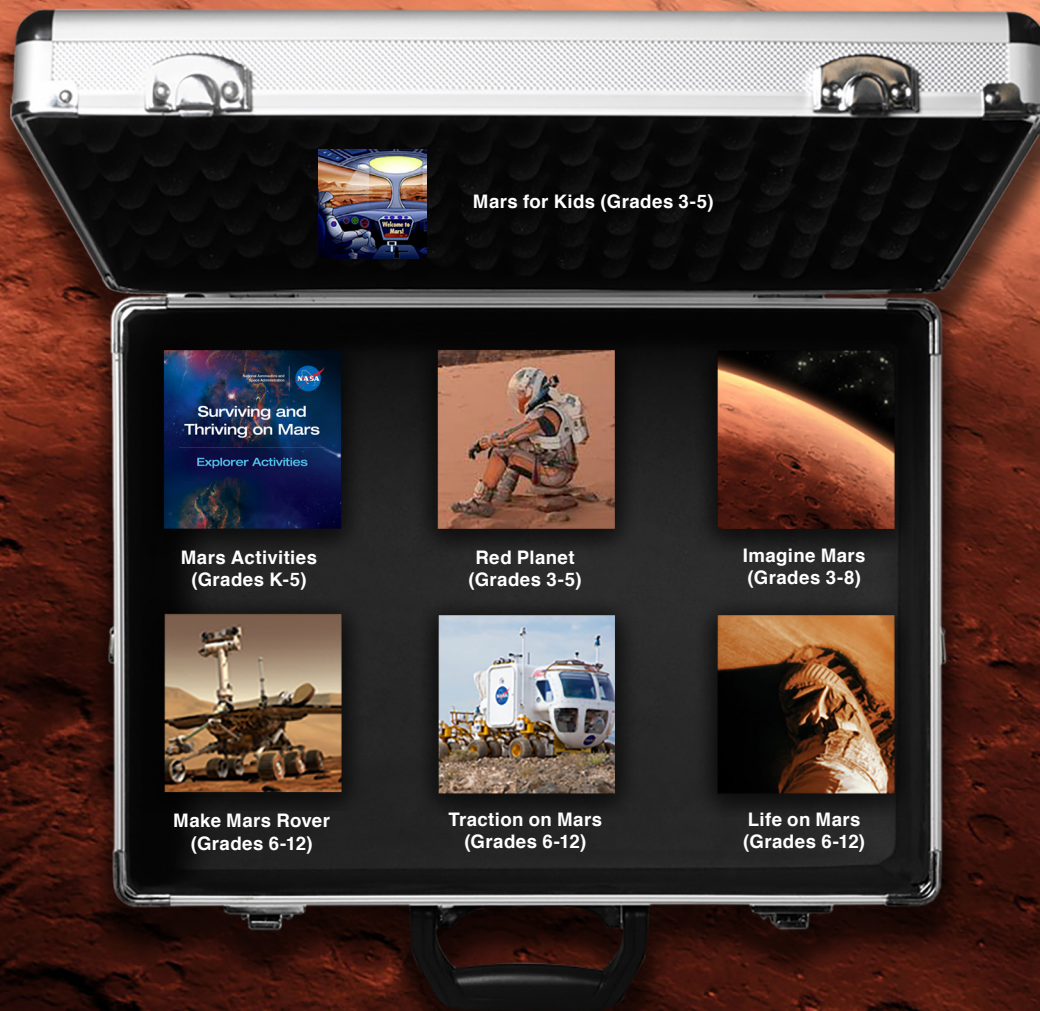


MARS

SURVIVAL KIT



**Mars Activities
(Grades K-5)**

Surviving and Thriving on Mars Activities (Grades K-5)

Young explorers can take a trip to Mars with fun activities that share NASA's journey to the red planet. There are a range of activities that are suitable for students ages 5-12.



**Mars for Kids
(Grades 3-5)**

Mars for Kids (Grades 3-5)

Link to online games about Mars, make paper spacecraft models, and download coloring sheets. There are additional activities about Mars under "More Ways to Explore".



MARS

SURVIVAL KIT



Red Planet
(Grades 3-5)

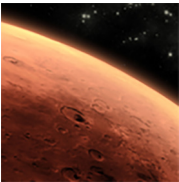
Red Planet: Read, Write, Explore! (Grades 3-5)

Next Generation Science Standards: 3-LS4 Biological Evolution: Unity and Diversity, 4-ESS3 Earth and Human Activity, 5-ESS2 Earth's Systems

Science and Engineering Practices: Analyzing and Interpreting Data

Disciplinary Core Ideas: LS4.C Adaptation, ESS3.B Natural Hazards, ESS2.A Earth Materials and Systems

Cross Cutting Concepts: Cause and Effect



Imagine Mars
(Grades 3-8)

Imagine Mars: Survival Kit Edition (Grades 3-8)

Next Generation Science Standards: MS-ETS1 Engineering Design, ETS2 Links Among Engineering, Technology, Science, and Society

Science and Engineering Practices: Asking Questions & Defining Problems, Developing and Using Models, Constructing Explanations and Designing Solutions

Disciplinary Core Ideas: ETS1.B Developing Possible Solutions, ESS2.A Earth Materials and Systems

Cross Cutting Concepts: Systems and System Models



Make Mars Rover
(Grades 6-12)

Make Your Own Mars Rover (Grades 6-12)

Next Generation Science Standards: MS-ETS1 Engineering Design, MS-PS2 Motion and Stability Forces and Interactions

Science and Engineering Practices: Analyzing and Interpreting Data

Disciplinary Core Ideas: ETS1.B Developing Possible Solutions, PS2.A Forces and Motion

Cross Cutting Concepts: Systems and System Models



Traction on Mars
(Grades 6-12)

Gaining Traction on Mars (Grades 6-12)

Next Generation Science Standards: MS-ETS1 Engineering Design, MS-PS2 Motion and Stability Forces and Interactions

Science and Engineering Practices: Analyzing and Interpreting Data, Engaging in Argument from Evidence

Disciplinary Core Ideas: ETS1.B Developing Possible Solutions, PS2.A Forces and Motion

Cross Cutting Concepts: Systems and System Models, Cause and Effect



Life on Mars
(Grades 6-12)

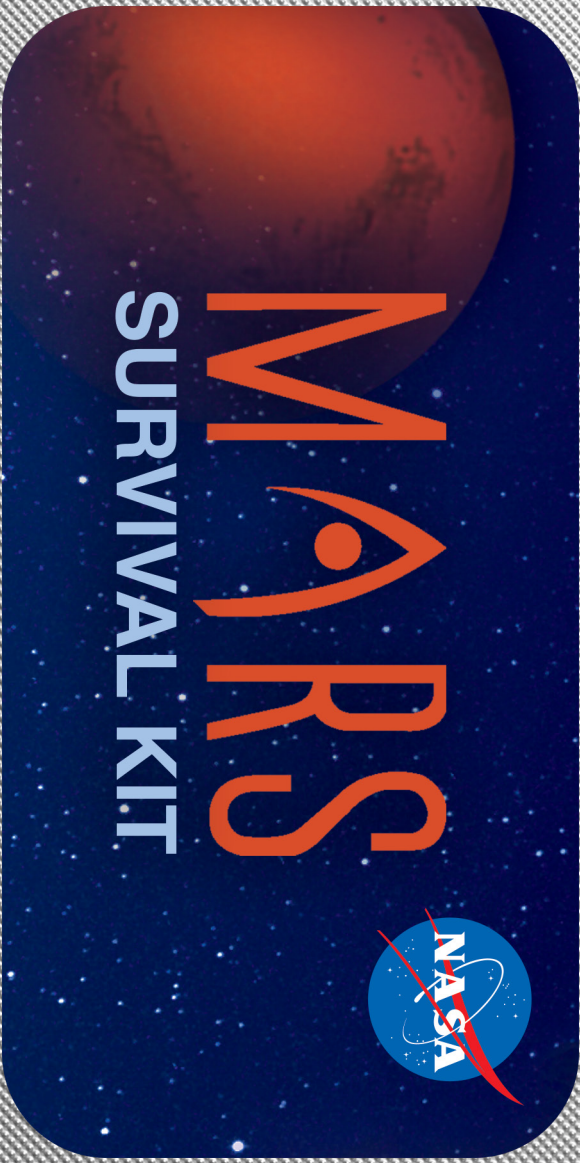
Is life on Mars possible and could humans establish settlements there? (Grades 6-12)

Next Generation Science Standards: MS-ESS2 Earth's Systems, MS-LS2 Ecosystems: Interactions, Energy and Dynamics

Science and Engineering Practices: Analyzing and Interpreting Data, Engaging in Argument from Evidence

Disciplinary Core Ideas: LS2.C Ecosystem Dynamics, Functioning and Resilience, ESS2.C The Roles of Water in Earth's Surface Processes

Cross Cutting Concepts: Stability and Change, Cause and Effect



MARS
SURVIVAL KIT





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Make Mars Rover (Grades 6-12)

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Next Generation Science Standards: MS-ETS1 Engineering Design, MS-PS2 Motion and Stability Forces and Interactions
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Traction on Mars (Grades 6-12)

Gaining Traction on Mars (Grades 6-12)

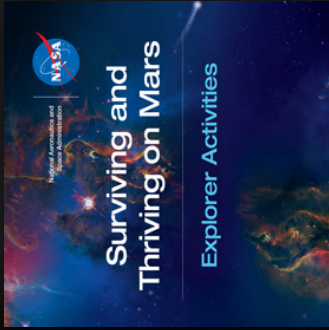
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Life on Mars (Grades 6-12)

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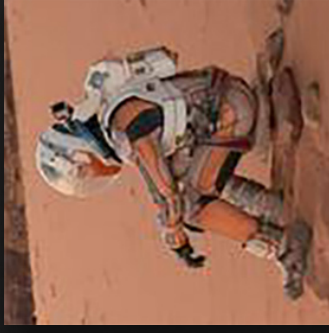
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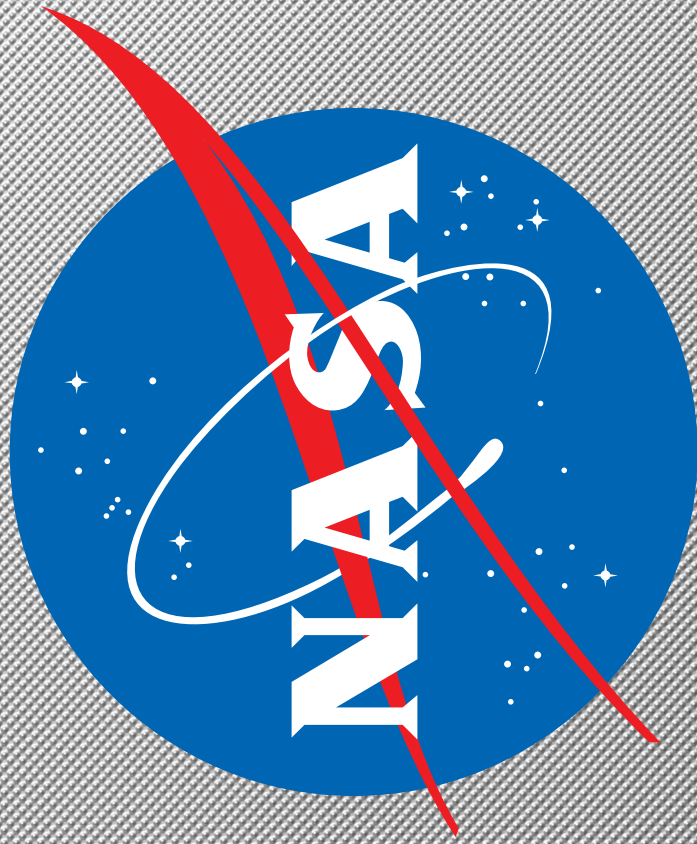
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