



What Will it Take to Live on Mars? Related Online Resources from NASA

National Aeronautics and
Space Administration



Resources for Student Research

Mars Exploration Program – The homepage of NASA’s work to study Mars, this page includes detailed information about present day Mars and NASA’s missions to the Red Planet

<https://mars.nasa.gov/>

Mars Exploration Program: Videos – A variety of video series (including student-friendly formats) that provide brief snapshots into specific elements of Mars and the missions to study it

<https://mars.nasa.gov/multimedia/videos/>

All About Mars: Mars Facts – A visual summary of many of the basic facts about Mars including measurements, orientation, composition, and time metrics

<https://mars.nasa.gov/allaboutmars/facts/>

Imagine Mars: For Students – A student-focused summary and sample student projects themed on the challenges with going to Mars

<https://mars.nasa.gov/imagine/students/>

NASA: For Students – A wealth of online resources for kids about Earth, Mars, the solar system, and living and working in space

<https://www.nasa.gov/audience/forstudents/index.html>

Resources for Supporting Activities

Mars Activities: Mars for Everyone – A collection of Mars-themed apps, games, social networking handles and Making resources

<https://mars.nasa.gov/participate/>

Mars Activities: Mars for Educators – Mars-themed activities, lesson plans, facilitation guides, and printable resources for teachers and facilitators

<https://mars.nasa.gov/participate/marsforeducators/>

Imagine Mars: Mars Survival Kit – A series of activities and lesson plans for facilitating deeper conversations with students about traveling to Mars

<https://mars.nasa.gov/participate/marsforeducators/soi/>

Marsbound! Mission to the Red Planet – A card-based activity where students plan a robotic mission to Mars while making trade-offs to remain within the limits of their mass, power and budget constraints

<https://www.jpl.nasa.gov/edu/teach/activity/marsbound/>

NASA’s Eyes on the Solar System – A downloadable solar system simulator that includes all of the major missions through the solar system

<https://eyes.nasa.gov/>