Program-Title Imagine Mars STEM Inventory

Org-Type Government-based

Lead NASA POC N/A

PoC-Phone N/A PoC-Email ImagineMars@jpl.nasa.gov

Address

URL

Service-Region Nationwide

Type Student Program

Subjects General Science | Space | Technology

Level Elementary School (K-5th grade) | Middle School (5-8th grade) | High School (9-12th grade)

Other-Objectives

Served-per-Year Demographics

Content

The Imagine Mars Project is a national arts, sciences, and technology education initiative that leads students to work together with

scientists, engineers, artists, and civic leaders to design and share a futuristic Mars community for 100 people. How do we participate? Participation can be as simple or as complex as you want it to be. You can design your own project, or use the lesson plans and project ideas on the site to customize a project that is just right for your students and timeframe. NASA works with you to put it all together, and connects you with scientists, engineers, artists, and experts in your community. Whether you're an after-school project leader or a formal education teacher, Imagine Mars will not only stretch your students' imaginations, but their view of their community, their

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planet, their universe, and most importantly, their potential.

Outcomes Students explore their home community and decide what cultural, scientific and artistic elements are important to a community's success. They discover the extreme martian environment and imagine what life might be like on the red planet. Finally, they create a

project that artistically reflects their knowledge of Mars, understanding of community, and hopes for the future. Students share their

finished project by posting it in the online gallery.

Started Funded-Through

Length Ongoing Cost

Primary-Funding Primary-\$

Materials

Other-Funding The Imagine Mars Project is co-sponsored by NASA and the National Endowment for the Arts.

How-Assessed

Best-Practice-Why When the project concluded at the beginning of the new century, it exceeded all expectations and demonstrated the creativity that

could be unleashed through an interdisciplinary educational program. Hundreds of thousands of students from around the world explored their communities to determine what would be important on Mars, and then developed their ideal community from a perspective of arts, sciences and technology. Teams of students launched rockets, painted murals, composed operas, built architectural technology.

models and engaged in countless other activities to celebrate and describe their vision of the future.

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs National Endowment for the Arts Extensive list: http://imaginemars.jpl.nasa.gov/about/organizations.html