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## Blog

### Mars Curiosity Comes Alive

Posted by admin on February 13, 2013

Curiosity is both the trait that drives kids in science and the name of the [NASA rover](#) plying the surface of Mars. Astronomy educators combined the two with new hands-on activities at the 2013 [Science Alive](#), a family-oriented science expo in South Bend, IN. The collection of activities encourages kids to jump, observe, scoop, and grapple as they simulate the Curiosity rover in action.



#### How High Could I Jump on Mars?

**Developed by Ruth Craft; presented by Sarah DeShon**

*Comparison of gravity on Earth and on Mars by measuring a vertical jump and multiplying by 2.6.*



#### Can We See Mars Tonight?

**Developed and presented by Ruth Craft**

*Comparison of the orbits of Earth and Mars and investigating the visibility of Mars during any specific month in the next two years.*



## What is Curiosity Investigating?

**Developed by NASA; presented by Pat Chrenka**

*Examination and comparison of Earth's and Mars' soil using microscopes.*

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## How Does Curiosity Work?

**Developed and presented by Caroline Fletcher**

*Manipulation of a variety of robot arms to pick up objects.*

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## What is Curiosity Looking For?

**Developed by Ruth Craft; presented by Ruth Neiboer**

*A simulation of Curiosity's sifting of sand to find anomalies and further examination of findings. Participants sifted sand to isolate spherules, (water beads) and then took them home to investigate them by placing them in water overnight.*

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Descriptions for the *Science Alive! Explore Mars!* activities are courtesy of Ruth Craft. Astronomy outreach at Science Alive is supported in part by the [Michiana Astronomical Society](#).



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Posted by Krystal Puga on Jun 3rd, 2014

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Hello,

My name is Krystal Puga, I am the Vice President and STEM coordinator of the Los Angeles Mars Society Chapter.

We are getting ready to host a STEM Initiative: Mars Day on July 19th to celebrate the anniversary of the Viking 1 landing. Mars Day will be a family oriented hands-on activity based event similar to "Science Alive"

I am very interested in doing an activity similar to "Can We See Mars Tonight?" and was hoping you could connect me with Ruth Craft so I can leverage the great work she has already done to develop this activity.

Thanks for your time and great job on your successful "Science Alive" event.

Please contact me at  
krystalvp@marssociety.org

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