

Join Bill Nye The Science Guy® For A Day Of Hands-On Science & Discovery

May 16, 2009

Johnston Ridge
Observatory,
Mount St. Helens

Activities Include:

Ka-Boom!

Experience the Blast Zone!

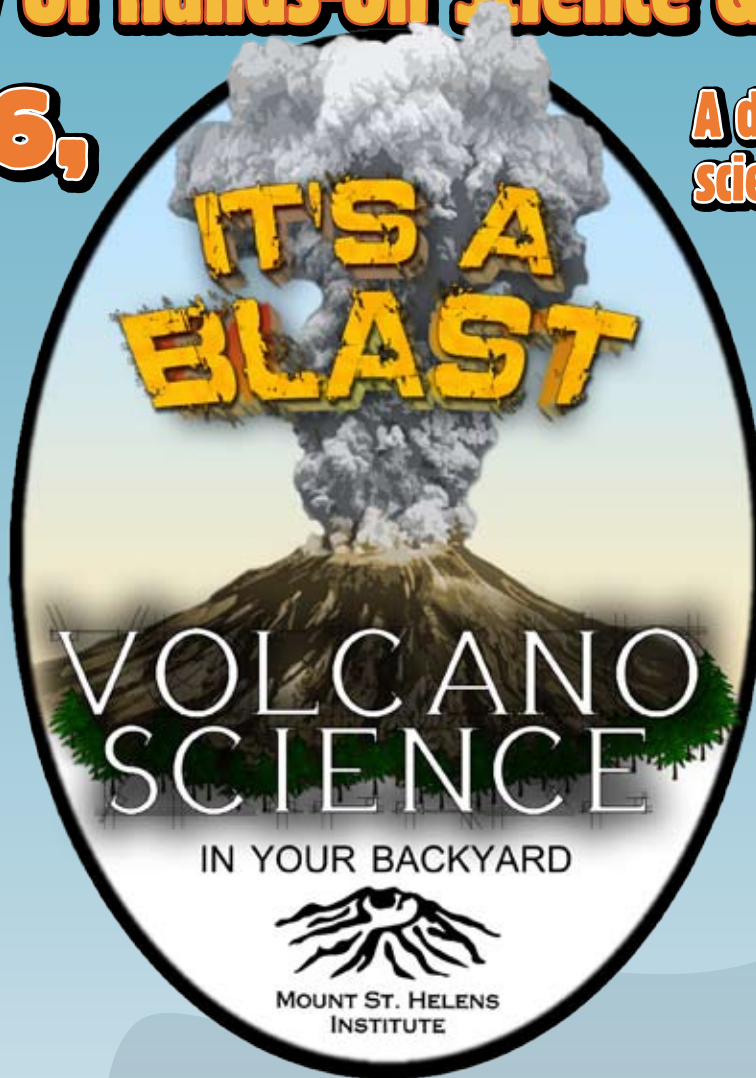
Wildlife Hide & Seek—
Elk Spotting 101!

Hike With A Geologist!

Mini-Monuments—
Build Your Own Volcano!

Secrets of the Deep!
Search for Creatures
In Coldwater Lake

Watch the Award-Winning
Movie of the 1980 Eruption!



A day of hands-on science & discovery!

Schedule:

10:00 am-3:30pm

- Meet a “smart spider” volcano monitoring instrument and record your own quake!
- Guest speakers—Biologists and Geologists on the natural history of Mount St. Helens
- Guided hikes
- Face painting
- And much more to do!
- Food and refreshments available

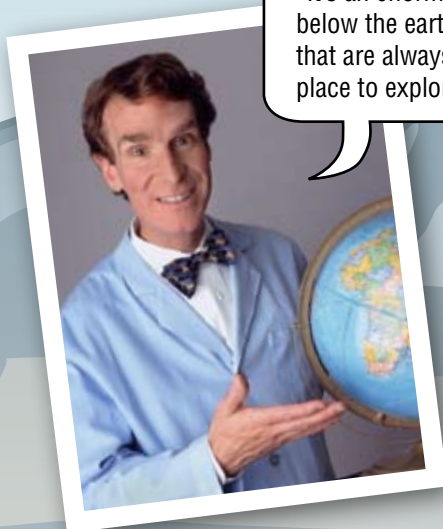
3:30-5:30pm

A Bill Nye Presentation That
“Explodes” With Science!

Silent Auction

Why Does Bill Nye love Mount St. Helens?

“It’s an enormous window on and below the earth’s surface with views that are always changing! It’s a great place to explore and discover!”



For More Information:

info@mshinstitute.org
www.mshinstitute.org
360-449-7883

Admission:

Purchase Tickets On-line: <http://itsablast.eventbrite.com>

Admission: \$10.00 per person

Admission + Bill Nye Event: \$35.00 per person

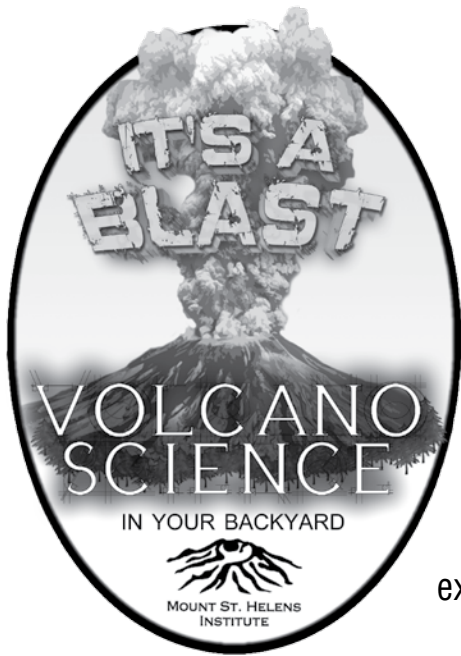
Includes: All activities, VIP tent with refreshments, entrance to Bill Nye event, entrance to silent auction. Only 225 spaces available.

Win A Hike With Bill Nye!

Purchase tickets by May 10 to be entered into a raffle to win a hike with Bill Nye The Science Guy® on the day of the event! (10 participants along with one guest of their choosing will be selected).

Mount St. Helens Needs Your Help!

Funds raised at this event will help Mount St. Helens Institute build a new Volcano Monitoring Exhibit at Johnston Ridge Observatory. The Mount St. Helens Institute thanks early funding organizations: The M.J. Murdock Trust and the Ben B. Cheney Foundation. See reverse for more information.



About The Mount St. Helens Johnston Ridge Observatory Seismic Exhibit

Funds raised during the Mount St. Helens Institute's "It's a Blast" event will support the new Johnston Ridge Observatory Volcano Monitoring Exhibit.

The current monitoring exhibit is 12 years old. When it was created, it showcased state-of-the-art seismic monitoring and volcano science. Since 1997, however, technology advanced and the exhibit is now in need of a significant upgrade.

The Observatory receives about 250,000 visitors annually, 12,000 of whom are students. Mount St. Helens is not only a fascinating and starkly beautiful place but also the site of one of the most catastrophic volcanic events in US history. It is important that these visitors, especially young people, see the actual tools that scientists currently use to monitor active volcanoes. This understanding may lead some students into science careers but even casual learners will be enriched by greater knowledge of the volcano.

The new exhibit will be installed in time for the 30th Anniversary of the 1980 eruption in May, 2010. It will include new state-of-the-art digital volcano monitoring, which means the old pen and drum seismometers will be gone. It will also include an updated Make-A-Quake exhibit and an exciting hands-on digital seismic display that will allow people to actually feel the rumble of distinct seismic signals.

Through partnerships with the Northwest Film Center and the Vancouver School of Arts and Academics, we're creating new videos that will allow visitors to understand the processes that cause eruptions. Lastly, we're developing a website that will allow virtual visits from classrooms and living rooms all over the world.

To date the Institute has raised just over 50% of the \$350,000 we need to complete this project. **The MJ Murdock Trust** and the **Ben B. Cheney Foundation** have provided generous grants. We also have significant in-kind assistance provided by a wide group of scientists. We hope to raise another \$20,000 at It's A Blast: Volcano Science in Your Backyard on May 16th.

Please help us reach this goal by buying a ticket or making a donation today.

Thank you for your support!

For More Information:

info@mshinstitute.org • www.mshinstitute.org • 360-449-7883