

WHERE **SCIENCE****HISTORY****AND****ART** CONNECT

To: Raven Hill friends
From: Cheri
Date: February 7, 2025
Re: Learning fun

A new twist on "volcanoes"



The challenge: carbon dioxide bubbles "to the rim"!

A Raven Hill Outreach (in-school program) looks quite different in a seventh-grade classroom than in a three-year-old early learners' classroom and that's part of the fun!

For seventh graders, who are full of curiosity, independence, and just the right amount of skepticism, a hands-on chemistry experiment is the perfect way to get them thinking. At age 12, they love testing boundaries (both scientific and personal), debating hypotheses, and "let's be honest" seeing what might bubble, fizz, or change color. They ask big questions and challenge ideas. When the experiment takes an unexpected turn, they're eager to figure out why and ready to try again!

Simple chemical reaction



Everyone has their own predictions as they watch this chemical reaction occur!

Meanwhile, three-year-olds experience Raven Hill's Museum-To-Go with wide-eyed wonder & hands-on enthusiasm literally! Everything is touched, poked, or shaken. Their curiosity is fueled by movement & sensory exploration, whether they're rolling marbles, feeling animal fur or listening to the rain sticks. They want to see, feel or hear what happens. At this age, science is magic, and discovery happens one tiny 'wow' at a time.

Marble roll



It's hard to take turns, but these girls are learning that AND having fun!

No matter the age, Raven Hill brings learning to life, whether it's a bubbling chemical reaction or the simple delight of holding something new in tiny hands!

Raven Hill Discovery Center is open during the winter for regular weekend hours, which are noon to 4pm on Saturdays and 2pm to 4pm on Sundays. To make an appointment for weekdays or other times, call 231.536.3369 or email info@miravenhill.org. Hope to see you here soon and often.

Rain stick



Making it rain might give a 3 year old a sense of real power!

Cheri