



04737 Fuller Road, East Jordan, MI 49727
(231) 536-3369 | www.miravenhill.org
info@miravenhill.org

Raven Hill Discovery Center is a 501(c)(3) tax-exempt corporation.

Mission: Raven Hill provides a place that enhances hands-on and lifelong learning for all ages by connecting science, history & the arts.

To the rim challenge

Your **goal** is to get the bubbles of carbon dioxide **TO THE RIM** of the glass or cup, NOT over and NOT under, but “to the rim” of the glass or cup!

Gather your supplies: baking soda, vinegar, spoons, paper towel sheet and two SMALL glasses or plastic cups. Measure and record the number of spoons of soda in one glass or cup. Measure and record the number of spoons of vinegar in the second glass or cup. Pour the vinegar all at once into the soda. Record your results: greater than the rim (>); less than the rim (<) or equal to the rim (=). Try again, if you want! Be a chemical engineer and work until you get the bubbles to the rim of the glass or cup!



1. Gather supplies



2. Measure spoons of soda & vinegar



3. Pour all the vinegar into the soda

Watch for bubbles to go over the rim (>), under the rim (<) OR equal (=) to the rim!

HAVE FUN AND, REMEMBER, CLEAN UP YOUR MESS AFTERWARDS!