

CLASSROOM CHEMISTRY DAY PROGRAM

BENNETT CENTRE
GRADE 5 SCIENCE
CLASSROOM CHEMISTRY

**Please have everyone bring
a second pair of shoes to be
used indoors.**



This day program runs from 9:30-2:30 and includes inside classroom stations that the students work through.

The following is a list of activities that **may** be included in the day program. Learner expectations that will be addressed are indicated beside each activity. Students will rotate from station to station and carry out the following experiments:

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| SLE 1,2 | 1. | Mixtures – combine and separate mixtures of: solids & solids; solids & liquids; liquids & liquids |
| SLE 3 | 2. | Solutions – test different substances to see if they will dissolve in water |
| SLE 4 | 3. | Crystal formation – observe four different crystals and how they are formed |
| SLE 5 | 4. | Surface tension – test the properties of the surface of water |
| SLE 6 | 5. | Carbon Dioxide – produce carbon dioxide and test the properties of this gas |
| SLE 8 | 6. | Chemical Reactions – observe and carry out three different chemical reactions |
| SLE 9 | 7. | Acids and Bases – use pH paper to identify solutions as acids or bases |
| SLE 7 | 8. | Reversible versus Irreversible Changes – classify the experiments completed during the day as either reversible or irreversible changes of matter |

We recommend bringing 2-3 adult volunteers. Please have students bring a pencil and wear a nametag. Students will work in small groups of 2-3.

Students will be provided with a student booklet in which to record observations and conclusions as well as answer questions testing their understanding of the concepts. The Bennett Centre will provide an instructor, materials and equipment.

ALLERGY ALERT REMINDER
The Bennett Centre, at all locations, is
fragrance free and peanut free for the safety
and comfort of our visitors and staff.