

# Super Science Saturdays

**MALCOLM X – Saturday, March 21, 2015**



For our third day of Super Science Saturdays, the Lawrence Hall of Science came to us to run small-group workshops. Students in 1<sup>st</sup> & 2<sup>nd</sup> grade participated in the “Slime!” workshop. They learned about the properties of slime (is it a solid or a liquid?), safety when mixing chemicals, and then proceeded to make their own slime.

Students in 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> grade participated in the “Who Done It?” workshop that gave them hands-on experience in the forensic sciences.



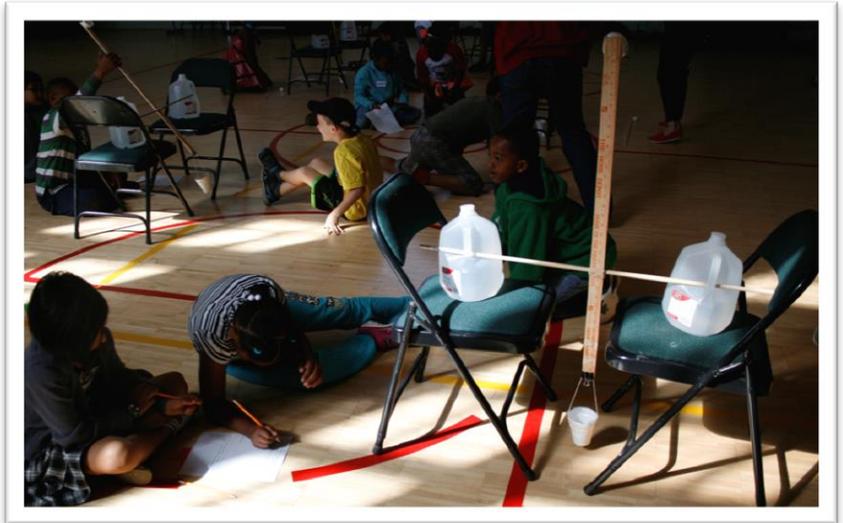
Students learned about chromatography and figured out which pen was used in the “crime”. They also figured out what the material of the mystery thread was by burning different threads and seeing how each material burned in different ways. Using their deductive reasoning skills, they were able to solve the mystery of “Who Done It”.



For the engineering station, students in 4<sup>th</sup> & 5<sup>th</sup> grade designed their own Rube Goldberg Machines (complicated machines that complete simple tasks). Students were challenged to get a water bottle into a recycling bin without touching the bottle.



Students in 3<sup>rd</sup> grade used recycled materials to design boats that could float, move forward and carry a load. If their boats sank or tipped over, they re-designed and rebuilt their boats until they were successful.



Students in 1<sup>st</sup> & 2<sup>nd</sup> grade built trebuchets. They experimented with having heavier or lighter counterweights, and with pulling the beam back to varying degrees to see how far they could catapult their ping pong balls, and how accurately they could hit the same spot again and again.



All students continued their use of Chromebooks, practicing math, typing, and coding.

### **Up Next:**

The Lawrence Hall of Science will bring their festival "What's Matter?" to Malcolm X. Students will also continue with their engineering and technology/math stations.