

2012 School Visits in Michigan and Indiana

During the spring of 2012, JINA staff and students traveled to many schools throughout Michigan and Indiana. Marble nuclei lessons and activities were taken to classes in three locations: Willowcreek Middle School in Portage, Indiana, Eastern High School in Lansing, MI, and Gardner Middle School in Lansing, MI. Students learned about isotopes through a short introduction before playing isotope bingo and smashing marbles in the fragmentation box. Students also heard about career opportunities in nuclear astrophysics, and what steps they should follow if they want to become a scientist. Some of the students from Eastern HS also toured the NSCL after the visit. JINA staff also traveled to Riverview Elementary in Elkhart, IN to build mini-bots with 6th grade students who had just completed a section on electricity. Students were challenged to apply what they had learned about conductivity and use problem-solving skills to build a bot that moved. Some took initiative and improved upon the design after racing their bots.



Students build mini-bots by looking at a working model and without instructions. The bots are made from mostly household items, encouraging children to experiment with science and engineering at home.



Contact Information:
JINA Outreach
University of Notre Dame
(574) 631-5326
jinaout@nd.edu
www.JINAweb.org/html/events.html