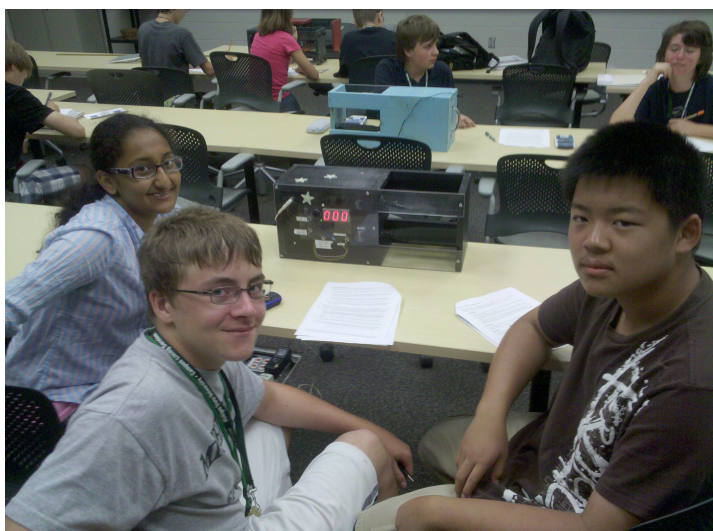


Math, Science, Technology 2010 @ MSU

Seventeen middle-school students joined the Nuclear Astrophysics class of MST 2010. Taught by JINA faculty and staff, the two-week course served as an intensive introduction to nuclear science, stellar evolution, cosmic rays, and current JINA research. The students simulated stellar nucleosynthesis in a game, where "random" events (determined by die rolls) caused their marble nuclei to capture protons, neutrons, or alpha particles; undergo radioactive decay; or even "fragment" on the floor!" They also learned spectroscopy and performed experiments with portable cosmic ray detectors. Students ended the course with a poster session to explain their research to parents.



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<http://gifted.msu.edu/programs/math-science-and-technology-msu>

<http://www.jinaweb.org/html/jinaprograms.html>