



SATURDAY STEM

Arcade Engineering

with Illinois Mathematics and Science Academy
Center for Teaching and Learning

DEC. 4, 9:30 AM – 12:00 PM

Belle Valley School, 2465 Amann Dr., Belleville
\$25 | Meal is not provided.
Registration Deadline: Nov. 30
Scholarship Application Deadline: Nov. 24

Grades 3 & 4

Electromagnetism is one of the four fundamental forces of physics in our universe and in this FunShop, our arcade engineers will learn how to harness this force to create arcade games! Students will first explore the nature of magnetic materials via our Ultimate Magnet Olympics! They will then apply this knowledge towards creating irresistible magnetic arcade games that will attract everyone to come play!

Grades 5 & 6

How does engineering and science apply to a simple game of skee-ball? With all the technology taking over the gaming industry, our dedicated Arcade Engineers need to SAVE Skee-ball, a classic and super fun arcade game! Kids will experience the engineering design process and explore physics principles as they create their own game of skee-ball! Come have a BALL and put your own SPIN on how the game is built and played!

Financial need scholarships available.

**For more information, contact dwall@imsa.edu
or call 618.791.3855.**

**To register or apply for a scholarship,
visit imsa.edu/saturday-stem/**



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