

The Attraction is Obvious:
Designing Maglev Systems



**One Unit
of Credit**
per workshop is
available from:
UC Merced Extension
(1 CEU for \$40)

Register before January 21th

Price: \$195
(Includes materials,
light breakfast & lunch.)

Additional Information
For Content: Rosanna Ayers
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For Registration:
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Audience:
Teachers grades 3 & 8
STEM Coaches, Administrators,
& After School Personnel

Merced County Office of Education Presents:

Engineering-Designing: Maglev Systems



EiE : Engineering is Elementary

Inquiry-Based STEM Curriculum,
Project-based Learning, Collaborative Learning

Innovative “maglev” or magnetic levitation trains move by using magnets instead of wheels. The technological innovation behind these trains comes alive for students in this transportation engineering unit. Students will send magnets sailing, help magnets hover, and poke around magnetic fields. With their new insights into the science of magnets, students will use the engineering design process to design, test, and improve their own tabletop maglev transportation systems—just like the character in the storybook Hikaru’s Toy Troubles.

WHEN: January 25th, 2019 9:00AM - 3:30PM

WHERE: 632 W. 13th Street, Merced J2

REGISTRATION: <http://merced.k12oms.org/83-161189>



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