

# MAGNIFY THE PROPERTIES - FALL 2010

## A Virtual Lesson for 3<sup>rd</sup> Grade Students and Their Teachers

**Lesson Description.** Go beyond what the eye can see to observe the properties of everyday materials. Join us via the Web for an hour-long lesson that links third graders across Central Virginia with 21<sup>st</sup> Century technology skills. We will fill that hour with SOL-based hands-on activities that magnify your students' imagination. Compare scale of materials, predict how the properties of a material affect the function, and model how small particles become larger. Enlarge your perspective and expand your horizons by joining us as we magnify the properties!

*Standards of Learning:* Science 2003 & 2010 (3.1, 3.3) and 2009 Math (3.17)

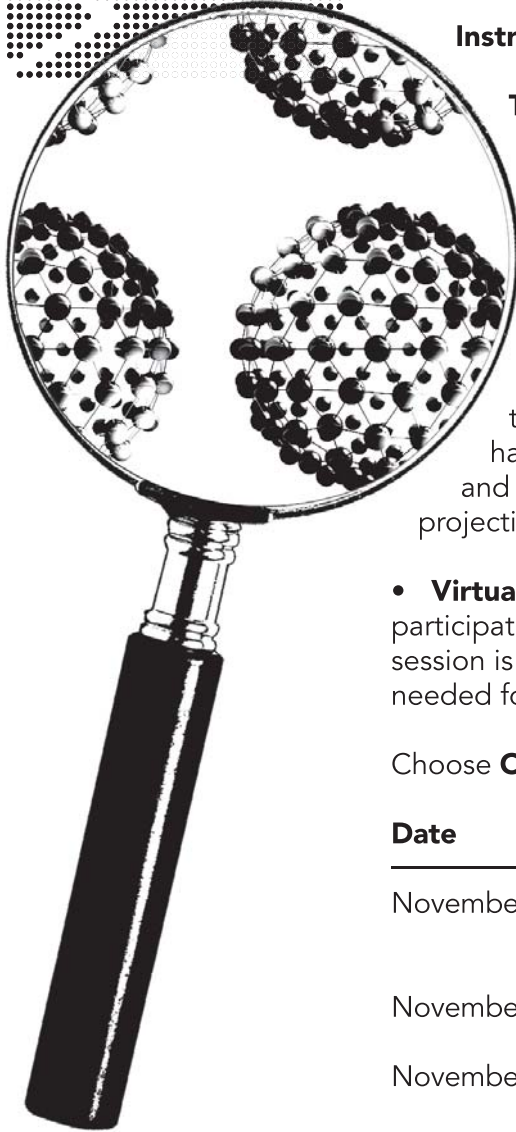
**Instructors.** Rhonda Hawley, Carrie Murphy, and Echol Marshall

**Teacher Training Dates.** Teachers need to attend one after-school training session which may be held face-to-face or virtually.

- **Face-to-Face Training Sessions** are designed for teachers who have not participated previously in a virtual student lesson or attended an *Illuminate Live!* training conducted by the MSiC staff, either at the Center or within school divisions. ITRTs may also attend to support a given teacher or to provide overall leadership for implementation in multiple classrooms within the school. At the face-to-face training, you will experience the *Magnify the Properties* lesson, receive handouts and materials for hands-on activities during the student lesson, and learn how easy it is to receive the lesson with only one computer, a projection system, and Internet access.
- **Virtual Training Sessions** are designed for teachers who have previously participated in a virtual lesson or received *Illuminate Live!* training; the virtual session is an update of the lesson and details regarding participation. Materials needed for the student lesson will be delivered to you.

Choose **ONE** of the following training dates.

Date	Time	Training Method
November 10	4:30 pm – 6:30 pm	Face-to-Face: MathScience Innovation Center (Room D-9)
November 11	2:15 pm – 3:30 pm	Virtual Training
November 17	4:15 pm – 5:30 pm	Virtual Training
November 18	4:30 pm – 6:30 pm	Face-to-Face: MathScience Innovation Center (Room D-9)



**MSiC**  
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*Imagine. Create. Lead.*

**OVER**

**Student Lessons.** Choose your preferred date and time for the student lesson. Lessons are first come, first served, so act early to reserve a space for your class!

<b>Session</b>	<b>Date</b>	<b>Time</b>	<b>Number of Classes</b>
Session 1	December 1	8:30 am – 9:30 am	About 6
Session 2	December 1	10:00 am – 11:00 am	About 6
Session 3	December 1	1:00 pm – 2:00 pm	About 6
Session 4	December 2	9:00 am – 10:00 am	About 6
Session 5	December 2	10:30 am – 11:30 am	About 6
Session 6	December 2	1:30 pm – 2:30 pm	About 6
Session 7	December 8	8:30 am – 9:30 am	About 6
Session 8	December 8	10:00 am – 11:00 am	About 6
Session 9	December 8	1:00 pm – 2:00 pm	About 6
Session 10	December 9	9:00 am – 10:00 am	About 6
Session 11	December 9	10:30 am – 11:30 am	About 6
Session 12	December 9	1:30 pm – 2:30 pm	About 6

**How to Register.** Go to <http://msinnovation.info/vlregister> and register online. If you have questions or encounter any difficulty, contact us:

E-mail (preferred): [magnifytheproperties@msinnovation.info](mailto:magnifytheproperties@msinnovation.info)

Fax: 804.343.6529

Phone: 804.343.6525 Ext 0.

Ask the receptionist to direct your call to Rhonda Hawley or Crystal Clark. If the instructor is not available, just leave a message with a phone number and preferred time to return the call.

