

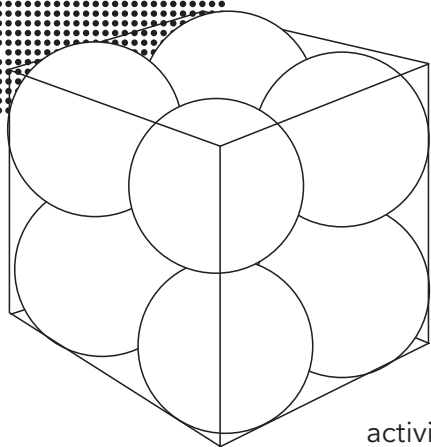
# MOLE EXTRAVAGANZA - FALL 2010

## A Celebration of Math & Science Designed for High School Chemistry Teachers & Students

**Lesson Description.** Motivate your students to enjoy learning mole calculations. Join us via the Web for an hour lesson that links chemistry classes in Central Virginia. We will fill that hour with SOL-based hands-on activities that introduce your classes to vocabulary and basic math skills vital to success in chemistry. No prior knowledge of moles assumed.  
*Standards of Learning:* Chemistry (CH.1, CH.4)

**Instructors.** Mary Frances Hobbs and Aron Fristoe

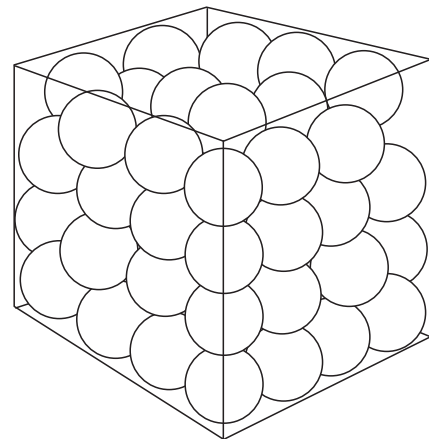
**Teacher Training Dates.** Teachers need to attend one after-school training session which may be held face-to-face or virtually.



- **Face-to-Face Training** sessions are designed for teachers who have not participated previously in a virtual student lesson or attended an *Elluminate 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 *Mole Day Extravaganza* 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 *Elluminate 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
October 5	4:30 pm – 6:30 pm	Face-to-Face: MathScience Innovation Center (Rooms E-15 & E-16)
October 6	2:30 pm – 3:45 pm	Virtual

**Student Lessons.** Choose your preferred dates and times for the student lesson! Lessons are first come, first served, so act early to reserve spaces for your classes!

<b>Session</b>	<b>Date</b>	<b>Time</b>	<b>Number of Classes</b>
Session 1	October 20	7:30 am – 8:30 am	About 7
Session 2	October 20	8:45 am – 9:45 am	About 7
Session 3	October 20	10:30 am – 11:30 am	About 7
Session 4	October 20	12:20 pm – 1:20 pm	About 7
Session 5	October 21	8:30 am – 9:30 am	About 7
Session 6	October 21	10:00 am – 11:00 am	About 7
Session 7	October 21	12:45 pm – 1:45 pm	About 7
Session 8	October 21	2:15 pm – 3:15 pm	About 7
Session 9	October 22	7:30 am – 8:30 am	About 7
Session 10	October 22	9:00 am – 10:00 am	About 7
Session 11	October 22	11:30 am – 12:30 pm	About 7
Session 12	October 22	1:30 pm – 2:30 pm	About 7

**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): [moleextravaganza@msinnovation.info](mailto:moleextravaganza@msinnovation.info)

Fax: 804.343.6529

Phone: 804.343.6525 Ext 0.

Ask the receptionist to direct your call to Mary Frances Hobbs, Aron Fristoe, or Rachel Martin. If the instructor is not available, just leave a message with a phone number and preferred time to return the call.

**6.02 X 10<sup>23</sup>**