

PHYSICS AND CHEMISTRY OPEN HOUSE SCHEDULE

Saturday, April 15, 2006

Physics Bldg, University of Missouri Columbia

9:00 AM	Doors open
9:30 AM	Making Spectroscopes and Secret Messages (rm 127 Physics Bldg) Build a Spectroscope to split the colors of light. Scientists use similar devices to examine the colors of light emitted by different sources such as the sun and stars.
10:00 AM	Physics and Chemistry Show (rm 126 Physics Bldg) Demonstrations about matter, light, sound, motion, fluids and chemical reactions. We will help you answer question like: <ul style="list-style-type: none">• can you hammer a nail with a banana?• how can you sleep on a bed of nails?• how can you see sound?• does light travel in a straight line?• have you ever met a thirsty solid?• how does a firefly glow?• will the indecisive color changing solution ever make up its mind? Presentations will be done by undergraduate students in the Physics Department and graduate students in the Chemistry Department assisted by several Jeff Junior High School students.
10:30 AM	Baking Soda Volcano (rm 207 Chemistry Bldg) Make a volcano erupt in your kitchen!
10:30 AM	Saturday Morning Science (rm 114 Physics Bldg) Prof. Sam Kiger presents "Explosion Effects & Blast Resistant Design"
11:00 AM	Color Subtraction Pictures and Color Wheels (rm 127 Physics) Make color subtraction pictures and see how three different colors of light add to produce all possible colors! (activity limited to approximately 25 students/children)
11:30 AM	Physics and Chemistry Show (rm 126 Physics Bldg) Repeat of the show at 10 AM.
11:45 AM	Making Snow (rm 207 Chemistry Bldg) It is beautiful and warm outside. Do you think we can make snow?
12:00 PM	Making Spectroscopes and Secret Messages (rm 127 Physics Bldg) Build a Spectroscope to split the colors of light. Scientists use similar devices to examine the colors of light emitted by different sources such as the sun and stars.
12:30 PM	Bouncy Balls and Slime (rm 207 Chemistry Bldg) Let's mix solutions and make a bouncy ball! Even more, let's make slime and have fun with it!
1:00 PM	Building Kaleidoscopes (rm 127 Physics Bldg) Build kaleidoscopes to mirror your favorite colors (activity limited to approximately 25 students/children).
1:30 PM	M&M Chromatography (rm 207 Chemistry Bldg.) What are M&Ms good for besides eating them? Come and see!
2:00 PM	Doors close

Teachers: there will be extra credit assignments for students attending the Open House, please let your students know to look for them.

Students: don't forget to ask your teachers if you will receive extra credit for attending the Open House and don't forget to pick up an extra credit assignment.