

**REGIONAL  
MATHEMATICS  
& SCIENCE CENTER**

# SMEK+

Science and Mathematics Extravaganza for Kids

SCIENCE  
AND  
MATH

+

+

ENGINEERING  
AND  
TECHNOLOGY

+

**Saturday, December 3rd, 2011**

**9:30 am-3:30 pm**

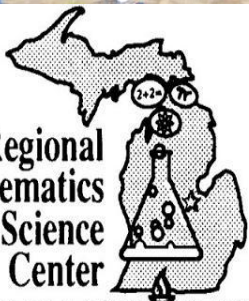
**♦ COME JOIN  
OUR  
ANNUAL  
SMEK**

**SATURDAY  
FOR SOME  
WINTER  
FUN♦**



**ONLY \$55.00 FOR THE DAY**

**(INCLUDES MATERIALS AND LUNCH)**



SAGINAW VALLEY STATE UNIVERSITY

For more information  
Please visit  
[www.svsu.edu/mathsci-center](http://www.svsu.edu/mathsci-center)  
Or call 989-964-4114.

**Topics A-E are for grades 2<sup>nd</sup>-4<sup>th</sup>.**

**Topics F-I are for grades 5<sup>th</sup>-8<sup>th</sup>.**

**A**

**VOLCANOES** - Ever wonder how a volcano works? Learn how baking soda and vinegar mix to form a chemical reaction just like a real volcano.

**B**

**GINGERBREAD GRAPHING** - Take a large amount of information and turn it into a useful chart or graph. In this session, students will use a gingerbread person for data analysis.

**C**

**GOOP!** - In this messy science experiment, students will learn about states of matter. After making the goop, students will test and decide if it is a solid, liquid, or gas.

**D**

**FROSTY FUN** - Get cool with science! What happens when you fill colors in cracks or ice sculptures? Can you really pick up an ice cube with string? Find out in this chilly session.

**E**

**ORIGAMI GEOMETRY!** - Geometry is all about shapes like triangles and rectangles. In this session, students will use their knowledge of these shapes to help make awesome origami creations.

**F**

**GLITTER GLOBES** - In this session, students will discover why some materials mix and others do not due to negative and positive charges in molecules. This reaction is called polarity.

**G**

**ENGINEERING OF BRIDGES** - Ever wonder how bridges can hold as much as they do? How can a bridge be over a mile long? Learn about the engineering of bridges by building your own.

**H**

**SCIENTIFIC SNOWSTORM** - Can you really make snow? While exploring polymer science students will discover making snow is possible. Using Insta-Snow, students will learn how polymers work.

**I**

**DON'T SCRAMBLE THE EGGS** - Your team will be challenged to plan and design your own egg capsule as you compete with other teams to see whose egg can survive the drop. You will learn useful lessons in creative thinking and

# SMEK+ Saturday 2011 Registration

\*Student Name: \_\_\_\_\_

\*Address: \_\_\_\_\_  
Street City State Zip

\*Parent/Guardian Name(s): \_\_\_\_\_

\*Phone: \_\_\_\_\_ \*School Child Attends: \_\_\_\_\_

\*Current Grade: \_\_\_\_\_ \*Parent/Guardian Email Address: \_\_\_\_\_

Ethnicity (optional – used for reporting purposes only): \_\_\_\_\_ \*Gender: \_\_\_\_\_

In case of an emergency, please provide an alternate person who can be reached on December 3, 2011.  
 (i.e. grandparent, relative, close friend, neighbor):

\*Name: \_\_\_\_\_ \*Relationship: \_\_\_\_\_

\*Phone: \_\_\_\_\_ \*These items need to be completed for form to be processed

**CLASS SELECTIONS -**  
 Choose classes, in order of preference (i.e., 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, etc); students will be placed in their highest choices that are *still available* (first received, first placed).  
 5<sup>th</sup> – 8<sup>th</sup> students will be placed in three (3) sessions and  
 2<sup>nd</sup> – 4<sup>th</sup> students will be placed in four (4) sessions.

\*Check One:  Junior SMEK<sup>+</sup> 2<sup>nd</sup> – 4<sup>th</sup> grade       
**A** **B** **C** **D** **E**

---

Senior SMEK<sup>+</sup> 5<sup>th</sup> – 8<sup>th</sup> grade      
**F** **G** **H** **I**

\*\*\*Due to the nature of the SMEK+ Saturday Event, we are not able to place groups of students into the same group. If you would like your child placed with one (1) other student please write the name of that student at the bottom of this form. The other child's registration form MUST have the same information on it. Both registration forms must be received on the same day, due to first received, first placed policy.\*\*\*

My child has permission to participate in the SCIENCE AND MATHEMATICS EXTRAVAGANZA FOR KIDS+ event at Saginaw Valley State University on Saturday, December 3, 2011. I understand that I am responsible for dropping my child off at SVSU for 8:45am registration and picking my child up at SVSU no later than 3:30 pm. **Enclosed is the \$55.00 registration fee (non-refundable).** I also give permission to SVSU to use any pictures or videos taken of my child at SMEK+, to be used for advertisement, publicity, or informational/promotional purposes (no names will be used.)

\*Parent/Guardian Signature: \_\_\_\_\_

A confirmation letter, campus map, receipt of payment, emergency form, and detailed drop-off & pick-up information will be **EMAILED** to you after we receive your child's registration.

Check the box below if you wish to receive this confirmation in paper form, rather than by email.  
 I want my confirmation letter mailed to the address above.

Please make checks payable to: **SVSU Math/Science Center** and return by **Friday, November 18, 2011** to the **SVSU Regional Mathematics and Science Center**  
 7400 Bay Road  
 University Center, MI 48710  
**\*\*If paying with credit card, please call: (989) 964-4114**

For Office Use Only:  
 Date: \_\_\_\_\_ Staff: \_\_\_\_\_  
 Payment: \_\_\_\_\_ Amount: \_\_\_\_\_