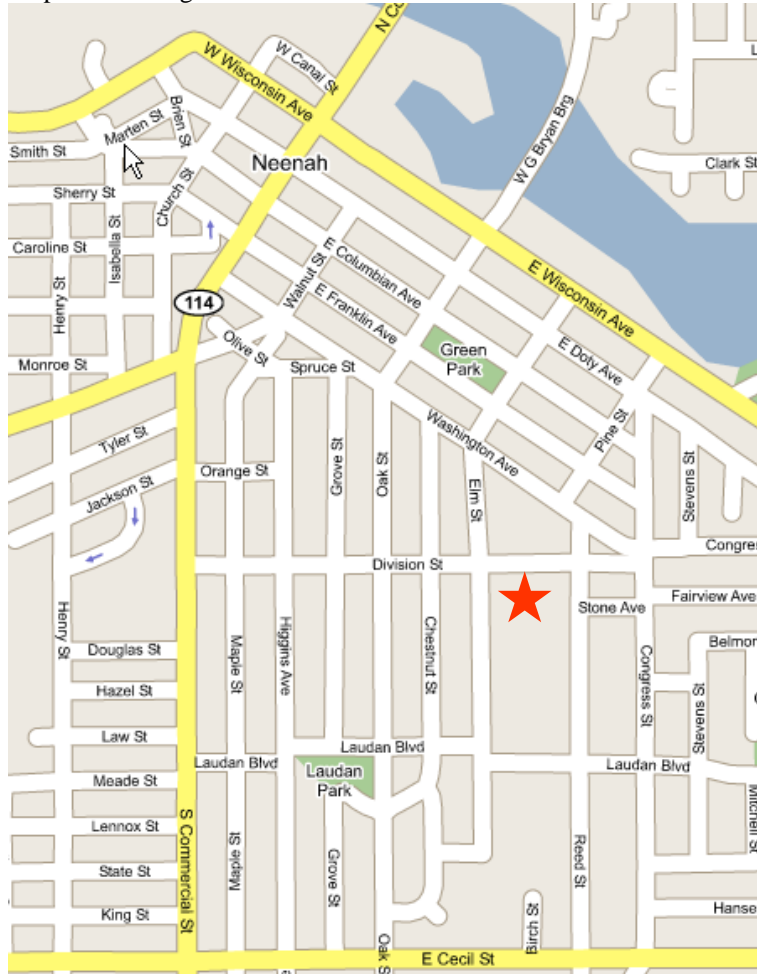


Map for reaching Shattuck Middle School



From Highway 41: Take the Winneconne Avenue/114 exit. Go east on 114 to S. Commercial Street. Go right (south) for about 2 blocks and then turn left (east) on Division Street. Shattuck Middle School is located on the south side of Division Street between Elm and Reed Streets. Turn right (south) on Reed Street and enter the large parking lot. Enter through the main doors to the lobby to check-in.

GIRLS IN GRADES 6-8!

Join us for an afternoon of **Science Marvels**
and **Math Magic** to astound you at

Math & Science Rock!

Saturday, November 8, 2008
Shattuck Middle School, Neenah

Check-In begins at 11:30 a.m.
Event Opening at 12:00 noon
Hands-on workshops from 1:00-4:00 p.m.

Cost: \$5.00 per student

Brought to you by:
AAUW-Appleton Branch &
Girl Scouts of the Northwestern Great Lakes, Inc.



AAUW



Math & Science Rock! 2008

Interest Session & Description:

An Eggcellent Car Crash - Design and build a paper car that will carry and protect an egg. Will the egg survive after plummeting down a ramp and crashing into a brick? Learn about Newton's laws of physics and have an eggcellent time!

Presenters: Tanya Genke & Pam MacDonald, AASD

Crime-Solving Science - Oh, the stories blood can tell! Investigate what this wondrous body fluid can tell us about its owner.

Presenter: Lori Cash, AASD

Four House Mystery - Beat the clock and use clues to solve the mystery of the 4 houses. Teamwork, logic and sleuthing required.

Presenter: Helene Iverson, Retired Teacher

Get Energized! - Have you ever wondered how electricity works? Get hands-on experience in exploring electricity and building various types of circuits.

Presenter: Dave Cash, Mishicot Middle & High School

Help! I've Fallen and Can't Get Up - Meet live birds whose lives have been changed due to an injury. Learn about banding, falconry and building a substitute nest.

Presenter: Tricia Elko, Wind River Wildlife Rehabilitation

High-Tech Hide and Seek - This session includes a quick overview of GPS technology and its use in geocaching, a game that combines technology and a love of the great outdoors. This session may include a quick trip outdoors with GPS units and a short "treasure" hunt. Be sure to dress for the weather.

Presented by Gary Krueger, 'Professor Gizmo'

Itsy, Bitsy, Incredible Insects - Explore the incredible world of insects. See live insects up close and learn about what makes them different from us and from each other!

Presenter: Stephanie Feuerstein, Naturalist

Lizards & Snakes, Oh My! - Experience a close encounter with live reptiles.

Presenters: Lonnie & Diane Moens, Tim Draves, Pam & Sheldon Gutbrod, Barb & Mark Rasmussen, Bill Hewitt, Fox Valley Herp Club

Logic Puzzles & Games - Is it the numbers that make Sudoku a mathematical puzzle? No, it's all about the deductive logic used to solve these puzzles. Explore the logic used to solve puzzles such as Sudoku, Slitherlink and Bridges as well as logic classics such as liar/truth teller and prisoner puzzles. Come prepared to be puzzled!

Presenter: Eric Kuennen, UW-Oshkosh

Marble Madness

Don't lose your marbles while making your very own roller coaster!

Presenters: Eileen Hilbelink & Betty Pontius, AASD (retired)

Movies & Mathematics

Explore the math behind movie making- from cameras & projectors to special effects.

Presenter: John Beam, UW-Oshkosh

Perplexing Paper

Explore with 'hands-on' activities the many wonderful and sometimes strange characteristics and tricks of paper. Perplexing fun! Lots of cutting and folding of paper to achieve some cool results. Patience needed...

Presented by Gary Krueger, 'Professor Gizmo'

Silly Ooze

Get your hands goopy making your own silly putty/ooze and learn about the chemistry involved.

Presenters: Sarah Funk & Reyneé Kachur, Kimberly-Clark Corporation

Weather is Super Cool

Make clouds, get water below zero degrees Celsius without freezing, and see several experiments on the nature of water, phase changes and water solutions. Come and not just be cool, be super-cool!

Presenter: Bruce Smith, AASD (retired), Meteorology teacher for UW colleges