

*The After School Programs of Honey Creek Community School and Rocks & Robots
present*

Bridges & Super Structures

This course is a fun and hands-on introduction to the basics of bridge design and basic structure. Students will be building a variety of bridge models and experimenting with design and function. We will build and discover how the actual bridges and structures play a role in our everyday lives.

Students will learn and apply abstract concepts, such as stress, fulcrums, the laws of gravity, and the strength of different geometric shapes. They will use math skills such as estimating spatial configurations, dollar amounts in the thousands, adding and subtracting seven-digit numbers, multiplying and dividing numbers of at least two digits and measure (using graph paper, ruler and manipulatives).

The social skills enhanced by this project are equally important. Students will learn to write checks, balance accounts, maintain a task schedule, and work with others to accomplish a common goal. Working together on the bridge construction fosters a sense of camaraderie.

WHEN: Mondays from 3:15 – 4:15pm from 01/01/2010 to 05/24/2010.

WHERE: Middle School Math Room

WHO: Students in grades 4-8

INSTRUCTOR: Rocks & Robots Instructors led by Katie Tilton & George Aldercook

COST: \$150.00 per student for the 18-week session. Please make checks payable to “HCCS.”

ANY QUESTIONS: Contact rocksandrobots@gmail.com

Space is limited. All registration forms must be completed and returned to the After School “IN BOX” prior to your first session.

STUDENT NAME		ROOM #		STUDENT NAME		ROOM #	
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