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Upcoming Events

- ◆ Technology Bootcamp: SMARTBoard February 13, 2012 in Lincoln Elementary Library from 3:45 PM to 5 PM
- ◆ Tech Tuesday: iPad Apps Tuesday, February 28, 2012 in Lincoln Elementary Library from 3:45 PM to 5 PM

STEM Digital Resources

Experience Science on Earth and Beyond

Interactive science & engineering (for nine- to eleven-year-olds) includes games involving light, sounds, forces & motion, earth & beyond, and electricity. Students can go undercover with *Silicon Spies*, brave the rides with *ParkWorld Plot*, launch themselves into *Alien Attack*, immerse themselves in *Ocean Odyssey* and take a giant leap into *Astro Adventure*. They'll also find out how engineers use science to help people and what exciting new inventions we'll be using in the future.

[Click Here to Visit Website](#)

Engineer the Past

On the Time Engineers website, students come across a Time Engineers binder that contains confidential information on a time-travel machine that the United States government built to travel back in time to obtain and document the history of engineering. The document contains three chapters, each with their own space-time coordinate for time travel. The chapters contain mission briefings, engineering tasks and mission commander assistance. The final document contains a map showing the location of the time machine and start-up procedure. With the documents in hand, students are ready to begin their journey back in time. The catapult simulation covers algebra, physical science, technology and history.

[Click Here to Visit Website](#)

Take Math into Today's World

The Yummy Math website presents mathematics problems and scenarios based on things happening in the

world today. For example, an activity for January 26 has students study historical Super Bowl data to reflect on average (mean, median and mode) losing scores, winning scores and range of scores. They are asked to judge which of these central measurements seems the most meaningful and explain their reasoning. Another activity has students plot the cost of a 30-second Super Bowl ad over the past 45 Super Bowls. How has the cost of a Super Bowl ad changed over time? Has it grown linearly? Exponentially? Yummy Math lists activities chronologically as well as by mathematics subject area. Two mathematics teachers, Brian Marks and Leslie Lewis, developed Yummy Math and welcome suggestions from other mathematics teachers.

[Click Here to Visit Website](#)

Unlock Rubik's Secret

Teachers who want to include the Rubik's Cube in classroom lessons can access lesson plans and activities tied to state standards on the website YouCanDoTheCube. On the site, the cube—believed to help develop problem solving and spatial thinking skills—is used in math lessons, helping students visualize fractions, geometry and algebra problems. Download a *free*, PDF version of the *You CAN Do The Rubik's Cube Solution Guide* in English or Spanish.

[Click Here to Visit Website](#)

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