

AUGUST '13

S	M	T	W	Th	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

[August 8-14 School supplies distributed to local schools](#)

[August Request for Science on wheels visits begin](#)

SEPTEMBER 13

S	M	T	W	Th	F	S
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29	30					

[September 1-20 online registration for Supercomputing Challenge](#)

[September 14 – Hydrogen Fuel Challenge Teacher Workshops](#)

[September 26 – Deadline to register for Future City Competition](#)

OCTOBER '13

S	M	T	W	Th	F	S
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20	21	22	23	24	25	26
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[October 12 -Supercomputing Challenge Kickoff Conference](#)

NOVEMBER '13

S	M	T	W	Th	F	S
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[November 16 -Hydrogen Fuel Challenge](#)

DECEMBER '13

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[December 2 –LANL STEM Competition opens](#)

JANUARY '14

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[January 25 -Future City Competition](#)

[February Mathcounts](#)

[February – Visits made for High School Co-op Program](#)

[February 16 - High School Science Bowl](#)

[February 7 – LANL STEM Competition Ends](#)

FEBRUARY '14

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[March 2-Middle School Science Bowl](#)

[March 8 – Expanding Your Horizons – Santa Fe](#)

MARCH '14

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[April 24-28 National Science Bowl](#)

APRIL '14

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[May 1-3 RoboRAVE Int'l](#)

MAY '14

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For additional information contact Janelle Vigil-Maestas at 665-4329 or vigil-m@lanl.gov or visit <http://community.lanl.gov>

Please note that Laboratory employees are allowed up to 32 hours of **Science Education Community Service Time** to support Science, Technology, Engineering and Math initiatives during a calendar year. See [website](#) to request assistance.



MATHCOUNTS (grades 6-8) is a national middle school coaching and competitive mathematics program that promotes mathematics achievement through a series of fun and engaging "bee" style contests. There are four levels of competition - school, region, state, and national.

(<http://mathcounts.org>) **Competition date – February (final date TBD)**



Regional Science Bowls (grades 6-12)

The Science Bowl tests students' knowledge in all areas of science. Students are quizzed in a fast-paced question and answer forum.

(http://www.sandia.gov/about/community/education_programs/doe_sciencebowl.html)

Competition date – February 2/March 2



Hydrogen Fuel Challenge (grades 6-8) This competition provides a hands-on opportunity for middle school students (grades six through eight) to understand the need for renewable energy sources and explore the emerging technology of hydrogen power.

(<http://www.nmhydrogenfuelschallenge.org/main.asp>) **Competition date – November 14**



Supercomputing Challenge (grades 6-12)

The Supercomputing Challenge is a program encompassing the school year in which teams of students complete science projects using high-performance supercomputers. (<http://www.challenge.nm.org/>)

Kickoff date – October 12-13



RoboRAVE International (grades 3-12)

RoboRave International is a robotics competition where two to four person teams work before the event to design, build and program their autonomous remote controlled robot to perform a variety of competition tasks. (<http://roboquerque.org/>) **Competition date – May 1-3**



Future City (grades 6-8)

Future City Competition is a national, project-based learning experience where students imagine, design, and build cities of the future. Students work as a team with an educator and engineer mentor to plan cities using SimCity™ software: research and write solutions to an engineering program.

(<http://futurecity.org>) **Competition date – January 25**

LANL STEM Challenge (grades 6-12)

The LANL STEM Challenge gives students a unique opportunity to envision the future of the Laboratory by applying creativity and critical thinking skills and teaming skills as they create posters, videos, apps or essays describing potential future projects at LANL. (<http://stemarts.com/lanl>)

Competition date – December 2 – February 7