



Science Enrichment Course Presented Through the North Orange County Community College District

Kids' College Program

**Week of May 3 – Week of June 1, Wednesdays (5:00 –
6:00 PM), Anaheim Campus and Thursdays (5:00 –
6:00 PM), Wilshire Campus
Jammin' Chemistry (Grades 3 – 5)
Course Record Numbers 31077 (Wednesday) and 30376
(Thursday) and KIDS 1375**

Introduces properties of solids, liquids, and gases as they react to produce different materials. Experiment with physical change where materials dissolve in other liquids. Learn about chemical change when solids and liquids produce gases and temperature changes. Experience chemical change when acids and bases make cabbage juice and goldenrod paper indicators change color. Learn about how chemical equations show physical and chemical change.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3AN/KIDS/1375> (Anaheim)

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3WL/KIDS/1375> (Wilshire)

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:
daleswanson@earthlink.net



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**Kids' College Program
May 3 – June 7, Mondays 4:00 – 5:00 PM,
Anaheim Campus**

**Sounds Funtastic (Grades 2 – 4)
Course Record Number 31078 and KIDS 1490**

Experience concepts of how sounds are made and learn about pitch and tones. Experiment with groan tubes, talkie tapes, boomwhackers, and springs to understand how sounds originate and travel from vibrating objects to our ears. Learn which materials transmit sounds and which do not.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3AN/KIDS/1490>

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:

daleswanson@earthlink.net



**Science Enrichment Course Presented
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May 5 – June 2, Wednesdays 4:00 – 5:00 PM,
Anaheim Campus**

**Fun with Magnets and Magnetic Fields (Grades 2 – 6)
Course Record Number and KIDS 1370**

Learn about magnetic attraction and repulsion. See magnets hold objects up and make them move without being touched. Explore magnetic fields with field “jars”, “viewers”, compasses, and magnets of different shapes. Identify which materials stick to magnets. Experience electromagnetism and how magnets are used in roller coasters and high-speed trains.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3AN/KIDS/1370> (Anaheim)

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:

daleswanson@earthlink.net



Science Enrichment Course Presented Through the North Orange County Community College District

Kids' College Program

May 6 – June 5, Thursdays 4:00 – 5:00 PM, Wilshire

**Popping, Colliding, and Flashy Physics (Grades 3 – 6)
Course Record Number 30375 and KIDS 1380**

Learn energy transfer by conduction, convection, motion, and light. Explore conduction with color-changing films, amazing ice blocks, and “hand boilers”. Experience heat transfer with dry ice and light sticks in hot water. Use the swinging wonder, kinetic yoyos, and an astroblaster to show energy transfer by moving objects. See how fuel makes a miniature steam boat move. Learn about light with radiometers, light-sensitive beads, prisms, and solar cells.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3WL/KIDS/1380>

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:

daleswanson@earthlink.net



Science Enrichment Course Presented Through the North Orange County Community College District

**Kids' College Program
May 1 – June 5, Saturdays 1:00 – 2:00 PM**

**Awesome Air and Water Pressure (Grades 3 – 6),
Cypress Campus**

Course Record Number 31075 and KIDS 1640

See that air occupies space and exerts pressure and learn about water pressure. Learn that air pressure is equal in all directions and decreases the farther we go away from the Earth's surface. Examples of activities include the classic "Egg in the bottle", Hero's fountain, Cartesian divers, and Bernoulli Bags.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3CC/KIDS/1640>

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:
daleswanson@earthlink.net



Science Enrichment Course Presented Through the North Orange County Community College District

**Kids' College Program
May 3 – June 7, Mondays 5:00 – 6:00 PM,
Anaheim Campus**

**Shockingly Fun Electronics (Grades 4 – 6)
Course Record Number 31079 (Monday) and KIDS
1430**

Learn about electronics and electrical circuits. Experience how series and parallel circuits are made and useful things that electricity and circuits can do for us. Conductors and insulators are also demonstrated. The concept of electricity is shown using electrospheres and lumin disks and electricity is “measured” using meters and series and parallel circuits. We also see how energy from the sun can be turned into electricity. Attendees will perform experiments to turn electrical currents into magnetic fields.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3AN/KIDS/1430> (Anaheim)

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:

daleswanson@earthlink.net



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**Kids' College Program
April 24 – June 5, Saturdays (12:00 – 1:00 PM),
Cypress Campus**

**More Jammin' Chemistry (Grades 3 – 5)
Course Record Numbers 31074 and KIDS 1377**

See eye-catching chemical change when solids and liquids produce gases and a mixtures of every day materials. Experience examples of chemical change with color changing chemical reactions with simple and safe materials used in the home every day. See how temperature changes affect chemical reactions. Learn about solutions and mixtures and will see how light can be produced by mixing chemicals (chemical luminescence). Experiment with fun and exciting polymers.

To enroll go to:

<http://schedule.sce.cc.ca.us/course.php/200935/KID/3CC/KIDS/1377>

Registration is also possible at any of the four campuses:

<http://www.sce.cc.ca.us/programs/kidsCollege/location.htm>

For more information contact the instructor:

daleswanson@earthlink.net