

CELEBRATE THE NATIONAL CHEMISTRY WEEK THEME
 "Chemistry - It's elemental!" October 18-24, 2009

Created by Susan G. Cady @ 2009 of DNA3Dmodels@hotmail.com
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ACROSS:

1. bomb, proton, $_2\text{O}$, pH
2. penny <1983, shiny brown or blue green metal, bottom of cooking pans
3. rust, blood, spinach
4. thermometers, liquid metal, first planet
5. foil, $_$ man of Oz, hot metal roof, Rin $_$
6. five cents, $_$ Cd (cadmium) battery
7. recyclable soda cans, non-magnetic metal, foil
8. explodes in water, $_$ + chloride = table salt
9. dental braces, sterling jewelry, flatware, mirrors, colors $_$ and #6 down

DOWN:

1. 78% $_$ gas is in air, ammonia, very cold liquid
2. ash, graphite, diamond; organic, C^{14} dating
3. gas filled colorful lights, $_$ lights on Broadway, car model
4. gas humans breathe and plants produce, H_2 $_$
5. bleach, swimming pool smell, #8 across + this anion = table salt, $\text{H}_$ strong acid
6. Fort Knox, karat jewelry, Fool's $_$, colors #9 across and $_$
7. milk, teeth, bones, shells, chalk
8. poison, un $_$ ed gasoline, plumbing pipes, solder
9. answer goes up, not down: gas makes party balloons rise, alpha particle, $_$, she, it

CADY'S PUZZLE SOLUTION TO CELEBRATE NATIONAL CHEMISTRY WEEK
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Websites that might interest you:

more about National Chemistry Week

http://portal.acs.org/portal/PublicWebSite/education/outreach/new/WPCP_011843

American Chemical Society www.acs.org

click Education tab for more science info

click Publication tab: Feature Magazines: to see Chem Matters and other magazines

What's that stuff? <http://pubs.acs.org/cen/whatstuff/stuff.html>

NC ACS <http://membership.acs.org/N/NCarolina/index.html>

Events at NC State Fair Oct. 15 -25 and

at Raleigh Museum of Science, Saturday, Oct. 17.

NCSU Science House <http://www.science-house.org/>

Make your own 3D DNA models : kits of materials and instructions available for purchase www.buildDNAmodels.webs.com