Mr. BURGESS. Mr. Speaker, again, a significant milestone was reached this past weekend in the recovery of the sovereign nation of Iraq.

On my most recent trip to that country this past August, it was clear that the constitution was the key that gets them through the door to the next part of their ability to govern themselves.

There are things in this country that we take for granted, things like bank to check, things like transfer of title of real estate, things that are not possible in a country that does not have a constitution, things that are not possible in a country that does not know the rule of law.

Mr. Speaker, in excess of 60 percent of the people of Iraq braved the terrorists, braved the threats of violence to go out and vote. We stand with the people of Iraq today, but mostly we stand with our troops who made this all possible, and I salute their efforts.

IRAQI ELECTION IS A SHINING EXAMPLE OF DEMOCRACY

(Mr. WILSON of South Carolina asked and was given permission to address the House for 1 minute and to revise and extend his remarks.)

Mr. WILSON of South Carolina. Mr. Speaker, Saturday’s election in Iraq was a shining example of democracy in action and continued proof that the Iraqi people are bravely determining the fate of their nation.

After Iraqi security forces and coalition troops worked together efficiently to provide security for the landmark event, the day was calm and the election was conducted professionally. On Sunday, the Chicago Tribune reported that Iraqis said they felt safer in this election than they did in January.

Most importantly, millions of Shiites, Sunnis, Kurds, and Turkmen cast their ballots for a constitution that will protect their rights and serve as a blueprint for their nation’s future. Their strong participation demonstrated that Iraqis respect the constitution, things that are not possible in a country that does not know the rule of law.

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MARINES PLAY IMPORTANT ROLE IN IRAQ

(Mr. DREIER asked and was given permission to address the House for 1 minute and to revise and extend his remarks.)

Mr. DREIER. Mr. Speaker, as my colleagues in this room have chosen ballots over bullets, I want to congratulate the United States forces, the coalition forces, and of course the Iraqi security forces which did a phenomenal job over this past weekend.

I would like to share, Mr. Speaker, with my colleagues a letter that came from the family of Byron Norwood, who, you recall, was killed in the battle of Fallujah last November. His parents, Mr. and Mrs. Norwood, and President Bush delivered his State of the Union message. They wrote to the Marines who are getting ready to be redeployed:

“As you prepare to deploy once again, as Gold Star parents of a sergeant from your own battalion want you to know the depth of gratitude and support felt by Americans everywhere. We live in a time of conflicting messages, as free speech rights are exercised by a vocal few.

“Since the battle of Fallujah last November, we have received countless letters expressing heartfelt thanks to not only Byron, but also to you as his fellow Marines. Had we not lost our son, we would not have been aware of this overwhelming appreciation and respect for those of you who wear the uniform.

“Byron loved being a Marine and welcomed the duty and honor of protecting the United States. He also loved his family and said there was nowhere he would rather be than with them until the mission was complete. He believed strongly in the need to fight terrorism at its source in order to lessen the risk of having to face it in our neighborhoods. We are grateful for all of you who are willing to fight for something greater than yourselves.

“We are grateful for the freedoms that we are afforded by living in America, and we are aware that those freedoms exist only because we have men and women in the military who, for generations, have fought to protect them. Thank you for taking your place in the ranks of great warriors who understand the value of honor, courage, and commitment.’’

RECOGNIZING KATHY LINEBERGER

(Ms. FOXX asked and was given permission to address the House for 1 minute and to revise and extend her remarks.)

Ms. FOXX. Mr. Speaker, I rise today to recognize and congratulate an outstanding teacher from North Carolina’s Fifth District, Kathy Lineberger.

Last Thursday, Ms. Lineberger, who teaches at Ward Elementary School in Winston-Salem, was named to USA Today’s All-USA Teacher Team. This recognition means that she is one of the top 20 teachers in the United States.

As a reward, Ms. Lineberger will receive $2,500 to share with her school. She plans to enrich the lives of her students by using a vast majority of her award to purchase books for her classroom.

This is not the first national recognition bestowed to Ms. Lineberger. In 2000, she was named the National CHEM, which stands for Chemistry, Health, Environment, and Me, Teacher of the Year for writing interdisciplinary lessons. She also won the National Science Educator for Public Understanding Award in 1998 and was the Academically Gifted Teacher of the Year for Winston-Salem/Forsyth County in 2002.

Mr. Speaker, the people of the Fifth District are fortunate to have many dedicated and talented teachers like Kathy Lineberger teach our children. I congratulate Ms. Lineberger and wish her continued success.

ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore. Pursuant to clause 8 of rule XX, the Chair will postpone further proceedings today on motions to suspend the rules on which a recorded vote or the yeas and nays are ordered, or on which the vote is objected to under clause 6 of rule XX.

Record votes on postponed questions will be taken after 6:30 p.m. today

RECOGNIZING THE IMPORTANCE AND POSITIVE CONTRIBUTIONS OF CHEMISTRY TO OUR EVERYDAY LIVES AND SUPPORTING THE GOALS AND IDEALS OF NATIONAL CHEMISTRY WEEK

Mr. SMITH of Texas. Mr. Speaker, I move to suspend the rules and agree to the resolution (H. Res. 457) recognizing the importance and positive contributions of chemistry to our everyday lives and supporting the goals and ideals of National Chemistry Week.

The Clerk read as follows:

H. RES. 457

Whereas chemistry is at the core of every technology we benefit from today;

Whereas the power of the chemical sciences is what they create as a whole; an enabling infrastructure that delivers the foods, fuels, medicines, and materials that are the hallmarks of modern life;

Whereas the contributions of chemical scientists and engineers are central to technological progress and to the health of many industries, including the chemical, pharmaceutical, electronic, agricultural, automotive, and aerospace sectors, and these contributions boost economic growth, create new jobs, and improve our health and standard of living;

Whereas the American Chemical Society, the world’s largest scientific association, launched National Chemistry Week in 1987 to educate the public, particularly elementary and secondary school children, about the role of chemistry in society and to enhance students’ appreciation of the chemical sciences;

Whereas National Chemistry Week is a community-based public awareness campaign conducted by more than 15,000 volunteers in all 50 States, the District of Columbia, and Puerto Rico;

Whereas National Chemistry Week volunteers from United States government, secondary schools, and institutions of higher education reach and educate millions of children through hands-on science activities in local schools, libraries, and museums;

Whereas the theme of National Chemistry Week in 2005, “The Joy of Toys”, was chosen

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to emphasize the chemistry involved in the creation and production of toys and the role that chemistry has played in new material development that has helped to make toys safer and more durable; and

Whereas in recognition of National Chemistry Week, volunteers across the United States will teach children about the chemistry involved in the materials, function, and properties of toys during the week beginning October 16, 2005: Now, therefore, be it

Resolved, That the House of Representatives—

(1) recognizes that the important contributions of chemical scientists and engineers to technological progress and the health of many industries created new jobs, boosted economic growth, and improved the Nation’s health and standard of living;

(2) supports the goals of National Chemistry Week with appropriate recognition, ceremonies, activities, and programs to demonstrate the importance of chemistry to our everyday lives.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Texas (Mr. SMITH) and the gentleman from Oregon (Mr. WU) each will control 20 minutes.

The Chair recognizes the gentleman from Texas (Mr. SMITH).

Mr. SMITH of Texas. Mr. Speaker, I ask unanimous consent that all Members may have 5 legislative days to revise and extend their remarks and to include extraneous material on H. Res. 457, the resolution now under consideration.

The SPEAKER pro tempore. Is there objection to the request of the gentleman from Texas?

There was no objection.

Mr. SMITH of Texas. Mr. Speaker, I yield myself such time as I may consume.

Mr. Speaker, I rise today in strong support of H. Res. 457, a resolution recognizing the importance of chemistry and honoring National Chemistry Week.

The importance of chemistry in our lives cannot be overstated. As H. Res. 457 recognizes, advances in chemistry impact every one of us, from the creation of a safer child’s toy to the search for potential cures for cancer. Without a fundamental understanding of the chemistry that undergirds all modern technologies and products, we would not have the success of space travel or the promise of nanotechnology.

Those who work in the chemical sciences are as important as the products that they produce. Chemical scientists are vital to numerous industries, including the pharmaceutical, agricultural, and automotive sectors. This large and diverse workforce is composed of millions of Americans who work to maintain our global leadership in these and other areas.

In the United States has a history of success in the chemical sciences. Since 1992, every Nobel Prize in chemistry has included at least one scientist from the United States. Most recently, the 2005 Nobel Prize in chemistry was awarded to two American scientists for developing a chemical process that has resulted in the production of cheaper and more environmentally friendly products.

Yet future accolades and our continued global and economic leadership depend on our ability to inspire the next generation of chemical scientists and engineers.

It is for this reason that H. Res. 457 celebrates the goals and ideals of National Chemistry Week. This week, children of all ages will be exposed to the wonders of chemistry. This year’s theme, The Joy of Toys, was chosen to highlight the impact of chemistry on the creation and improvement of toys. Why do rubber balls bounce and why do paper boats float? These are just some of the interesting questions that will be explored through hands-on experiments and demonstrations.

These activities will both educate and inspire participants by creating a fun atmosphere in which to understand the role of chemistry in our daily lives.

In conclusion, I thank the American Chemical Society for its ongoing efforts to educate children and adults about the benefits of chemistry. I would also like to thank the gentleman from Michigan (Mr. EHLERS) and the gentleman from New Jersey (Mr. HOLT) for their steadfast leadership on this important issue. I urge my colleagues to join me in recognizing the importance of chemistry in our daily lives and the positive impact of National Chemistry Week by voting in favor of H. Res. 457.

Mr. Speaker, I reserve the balance of my time.

Mr. WU. Mr. Speaker, I yield myself such time as I may consume.

Mr. Speaker, I rise in support of House Resolution 457 to recognize National Chemistry Week. I want to congratulate the gentleman from New Jersey (Mr. HOLT) for introducing this important resolution which highlights the importance of chemistry and chemical engineering.

Chemistry and chemical engineering affect the everyday lives of all Americans. For example, these disciplines contribute to public health through the development of new biomaterials, drug design, drug delivery techniques, and gene therapy. For decades, they have also contributed to public health by helping to keep our water clean and our food pure. In addition, new structural and electronic materials and advanced technologies that improve energy utilization and transportation systems improve our work and home lives. In short, chemistry and chemical engineering contribute in critical ways to the economic strength, security and well-being of the Nation and all its citizens.

National Chemistry Week was started as an annual event in 1987 by the American Chemical Society. It sponsors activities to make elementary and secondary schoolchildren and the general public more aware of what chemistry is and its importance to our everyday lives. National Chemistry Week activities are carried out by local sections of the American Chemical Society located in all parts of our Nation.

They work with local industry, schools and museums to design hands-on activities, provide chemical demonstrations and develop exhibits. By these means, the local organizations provide opportunities to stimulate the interest of young people in science and in pursuing careers in science and technology, and the activities of National Chemistry Week help advance the important goal of increasing public understanding of science generally.

For 2005, the theme of National Chemistry Week is “The Joy of Toys.” This will emphasize how chemistry has led to safer and more durable toys through advances in materials science and will also illustrate chemical principles and concepts through toys.

Mr. Speaker, I congratulate the American Chemical Society for its efforts to establish and sustain National Chemistry Week. I urge my colleagues to join me in recognizing the value of chemistry and the goals of National Chemistry Week. I ask for its adoption by the House.

Mr. HOLT. Mr. Speaker, I would like to thank the leadership for bringing this bill to the floor, recognizing the importance of chemistry in our everyday lives, and supporting National Chemistry Week. The gentleman from Michigan, Mr. EHLERS, has been a strong supporter as an original sponsor of this bill and helped to move it forward. Mr. EHLERS and I do this again as the two physicists in Congress, with no irony that again we physicists would be sponsoring National Chemistry Week.

I stand here before you happy to state that in 2003, the last time that this body recognized the importance of chemistry in our daily lives, and the importance of National Chemistry Week, I had 3 cosponsors, and this year I have 21 cosponsors. With the world unfolding as it is, and with great rapidity, the increase of cosponsors is an indication of the growing understanding of the importance of chemistry, and science, in our daily lives.

JOY OF TOYS THEME FOR NATIONAL CHEMISTRY WEEK

The American Chemical Society should be commended for establishing National Chemistry Week in 1987, to raise the awareness of America in our daily lives, now in its eighteenth year. In particular this year’s theme of the “Joy of Toys,” supports the universality of chemistry and its creations, for each of us has played, and I hope continues to play, with toys. Every child on this planet of ours, regardless of location, does several things growing up; we are innate explorers of this world, and we play.

To watch children at play re-ignites in us the joy and wonder that we experienced as we played with toys and created our world understanding. As we grow and learn, we match our intellectual growth with our physical capabilities. The curiosity that toys ignite through the queries of “why did it do that?” and “how did that happen?” invigorates the
exploration and discovery of the world around us. Many scientists and engineers turn to toys for moments of respite and inspiration. Innovation in technology at times can be traced back to moments with toys.

In fact, BusinessWeek Online ran an article with the title “Toymakers are pushing the boundaries in artificial intelligence, wireless communications, and virtual realities. And the benefits are flowing to other industries as well.” The military, the medical field, gamers, chemists, chemical engineers, and material scientists all connect to the toy industry. Chemists and material scientists have created such material as self-healing plastics, prolonging the life of toys and many consumer goods.

Toys spark the imagination, imaginations fuels innovation. Chemistry is a science which is the backbone to the health of many industries including pharmaceuticals, electronics, automotive, agricultural, and aerospace. A fundamental piece of chemistry is the periodic table of the elements, a simple chart whose intricacies determine how atoms bond to create the world around us.

**ELEMENTS OFF THE PERIODIC TABLE AND THEIR INNOVATION TECHNOLOGIES**

The element hydrogen, the first element on the periodic table and the most abundant element in the universe, has sparked innovation in fuel cells, artificial photosynthesis, and oxygen-auxiliary machines. The fundamental elements involved in fuel cells, an alternative energy source with both low and high temperature functions. Low temperature fuel cells, which work similar to batteries, are being developed for cell phones, laptops, and video games. Yet, innovations still await the future scientists and engineers of America, as we do not yet know how to make sufficient quantities of hydrogen available, and the tasks of making this a completely clean energy have yet to be fully summited to produce commercial goods.

Fluorine, element #9 on the periodic table, is found in toothpaste and liquid crystals found in flat-screen televisions, to give higher resolution, good brightness, and sharp contrast with about half the power consumption! Yet the fluorinated organic light emitting diodes, which would require far less power and allow us to roll up the screens for our laptops! There is much creativity and unbounded vision necessary for the new products to follow.

The high tech fiber industry has taken science fiction into fashion by creating key-fibers to breathe with you and they stay dry in the rain. Flame-resistant micro fibers found in your curtains, your coaches, and your carpets make your home safer. Chemists are now adding titanium dioxide to fabric to make the fabric UV resistant, thus protecting you even further from damaging UV rays. The innovation continues!

The extent to which chemistry and the products, processes, and thinking that chemists create and modify affect our daily lives is undeniable.

**CHANGING WORLD & ECONOMY: MOVING AMERICA FORWARD**

Mr. EHLERS, Mr. Speaker, today, I am pleased that we are considering this resolution recognizing the importance of chemistry in our everyday lives. This resolution supports the goals and ideals of National Chemistry Week. It recognizes the important contributions of chemistry to research, industry, technological progress and the health of many industries. In addition, it encourages the people of the United States to observe National Chemistry Week, which, this year, is October 16-22.

Two weeks ago, the Nobel Prize in Chemistry was awarded to three Nobel Prize winners—Richard Schrock of MIT, Norbert W. Schrøder, and Robert F. Grubbs. The Nobel Prize in Chemistry is awarded to those who have made the most distinguished contributions in the field of Chemistry. The prize was awarded for their work in the area of chemical synthesis.

I believe there are three main motivations for doing science: (1) The practical need to control, (2) the intellectual urge to understand, and (3) the aesthetic need to create. I believe that the third of these motivations is the strongest, the one that drives the curiosity of young people and future chemists. That enjoyment is often stimulated by the process of playing: the simple action of enjoying a toy that does something fun or unexpected. The pioneering work has resulted in more efficient, safe and cleaner methods of synthesizing new materials and is appropriately classified as “Green Chemistry.”

When a child plays with a toy, unexplainable behavior leads to questions about the underlying nature of a machine and drives a child to perhaps, like the Nobel Prize winner, develop an interest in chemistry. Getting to the bottom of how something works is, at its very nature, a scientific enterprise. Natural curiosity drives innovative thinking, improvements, and discovery. At a time when our workforce is in great need of increased science and mathematics education, it is important to stimulate children’s interest in the chemical sciences so that they will consider careers in these fields and potentially discover the innovations of the future. What better way to stimulate interest than something fun?

Toys not only make us laugh, they give our minds a chance to view the world in a different way. Chemists provide the substance of toys through materials chemistry and ensure their safety for contact with our skin and in our children’s mouths through analytical testing.

I commend the American Chemical Society for establishing National Chemistry Week in 1987. During this year’s National Chemistry Week, volunteers from across the United States will engage children in understanding the “Joy of Toys.” Chemists in pharmaceutical, biotechnology, agricultural and plastics industries to produce drugs, advanced plastics, herbicides, fuel additives and other substances. Chemistry supports our economic infrastructure and improves our lives—and it is fun!

I urge my colleagues to support this resolution recognizing the goals and ideals of National Chemistry Week.
Ms. EDDIE BERNICE JOHNSON of Texas. Mr. Speaker, I rise in support of H. Res. 457. This bill recognizes the importance of chemistry in our everyday lives and supports the goals and ideals of National Chemistry Week. The theme of National Chemistry Week for 2005 is "Toys." This seemingly comical name belies the hard work and amazing developments in materials science that have gone into the production of safer and more durable toys for children of all ages.

Children have a wide array of choices when it comes to modern toys. Gone are the days of making one’s own toys out of sticks and stones. Chemistry has yielded materials that are non-toxic and harbor fewer germs than before. Chemistry has helped develop crazy-shaped materials in colors that change, depending on temperature.

I yield back the balance of my time.

Mr. SMITH of Texas. Mr. Speaker, I have no further requests for time, and I yield back the balance of my time.

Mr. Speaker, today I am happy to celebrate National Chemistry Week and urge my colleagues to support H. Res. 457.

Whereas chemistry is the study of matter and its transformations, is one of the most important and fundamental sciences, and plays a critical role in the quality of our lives, and the benefit of society.

Whereas the National Chemistry Week celebration, was initiated by The American Chemical Society in 1988, and October 17, 2005, is designated as National Chemistry Week and urges all Americans to celebrate National Chemistry Week, which is observed this year on October 17, 2005, by promoting the study of chemistry and its contributions to society.

WHEREAS almost 9 in 10 teenagers between the ages of 12 and 17, or 87 percent of all youth (approximately 21,000,000 people) use the Internet, and 78 percent (or about 16,000,000 students) say they use the Internet at school;

WHEREAS teen use of the Internet at school has grown 45 percent since 2000, and educating children of all ages about safe, secure, and ethical practices will not only protect their systems, but will protect our children’s physical safety and help them become good cyber citizens;

WHEREAS our Nation’s critical infrastructures rely on the secure and reliable operation of our information systems to support our Nation’s financial services, energy, telecommunications, transportation, health care, and emergency response systems;

WHEREAS cybercrimes are a critical part of our Nation’s overall homeland security, in particular the control systems that control and monitor our drinking water, dams, and other water management systems; our electricity grids, oil and gas supplies, and pipeline distribution networks; our transportation systems; and other critical manufacturing processes;

WHEREAS terrorists and others with malicious motives have demonstrated an interest in utilizing cyber means to attack our Nation, and the Department of Homeland Security’s mission includes securing the homeland against cyber terrorism and other attacks;

WHEREAS Internet users and our information infrastructure face an increasing threat of malicious attacks through viruses, worms, Trojans, and systems such as spyware, adware, hacking tools, and password stealers, that are frequent and fast in propagation, are costly to repair, and disable entire systems;

WHEREAS consumers face significant financial and personal privacy losses due to identity theft and fraud, as reported in 255,568 complaints in 2004 to the Federal Trade Commission’s Consumer Sentinel database; and Internet-related complaints in 2004 accounted for 31% of the reported fraud complaints, with monetary losses of over $265,000,000 and a median loss of $214;

WHEREAS our Nation’s youth face increasing threats from inappropriate content or child predators, with 70 percent of teens having accidentally come across pornography on the Internet, and with one in five children having been approached by a child predator online each year;

WHEREAS national organizations, policymakers, government agencies, private sector companies, nonprofit institutions, schools, academic organizations, consumers, and the media recognize the need to increase awareness of computer security and enhance our level of computer and national security in the United States;

WHEREAS the National Security Alliance’s mission is to increase awareness of cybersecurity-related issues among students, home users, kids, and teachers, and small businesses through educational activities, online resources and checklists, and Public Service Announcements; and

WHEREAS the National Cyber Security Alliance has designated October as National Cyber Security Awareness Month, which will provide an opportunity to educate the people of the United States about computer security: Now, therefore, be it

RESOLVED, That the House of Representatives—

(1) supports the goals and ideals of National Cyber Security Awareness Month; and encourages employers to work with Federal agencies, national organizations, businesses, and educational institutions to encourage the development and implementation of existing and future computer security voluntary consensus standards, practices, and technologies in order to enhance the state of computer security in the United States.

The SPEAKER pro tempore. Pursuant to the rule, the gentleman from Texas (Mr. SMITH) and the gentleman from Oregon (Mr. WU) each will control 20 minutes.

The Chair recognizes the gentleman from Texas (Mr. SMITH).

Mr. SMITH of Texas. Mr. Speaker, I ask unanimous consent that all Members may have 5 legislative days within which to revise and extend their remarks and include extraneous material placed on the Res. 491, the resolution under consideration.

The SPEAKER pro tempore. Is there objection to the gentleman from Texas?

There was no objection.

Mr. SMITH of Texas. Mr. Speaker, I yield myself such time as I may consume.

Mr. Speaker, I rise in support of H. Res. 491, a resolution to applaud the goals and activities of National Cyber Security Awareness Month. Computers and the Internet have been integrated into our daily routine in our businesses, schools, and homes. These information and communication systems underpin our government and they interface with our industries, financial institutions, and transportation systems. However, our increasing dependence on computers and computer networks exposes our society to the risk of cyber attacks, destructive viruses, malicious hacking and identity theft.

This is why the National Cyber Security Alliance, a cooperative effort between government, academia, and industry, has organized National Cyber Security Awareness Month for this October. As is only proper for a cybersecurity-related effort, there is a central website with online resources that offers tips and tools to help computer users protect themselves from viruses, worms, hacker attacks, phishing, identity theft, spyware and more.

In addition to these online resources, there are weekly events all over the country on specific cybersecurity topics aimed at consumers, students, children, parents, small businesses, and educational institutions. Thirty Governors across the United States have issued proclamations declaring their

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CONGRESSIONAL RECORD—HOUSE

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