

for 1 minute and to revise and extend his remarks.)

Mr. CASTRO of Texas. Mr. Speaker, today I rise to speak in opposition to the inaction on the sequester.

These across-the-board budget cuts are the direct result of hostage politics, another self-inflicted wound that sabotages our efforts to build out the infrastructure of opportunity in America for so many hardworking and humble people. Inaction should not be an option.

In Texas, this body's inaction will be felt almost immediately. Nearly 100,000 Texans could lose their jobs. Texas schools stand to lose almost \$70 million, putting nearly 1,000 educators out of work and countless children at risk of a disrupted education. More than 50,000 of the folks supporting our military, many of them veterans themselves, could lose 20 percent of their pay in the next year.

The President and Democrats have offered a balanced solution to stop the sequester and reduce our deficit below the historic average. Mr. Speaker, I urge you to allow these proposals to come before the full House. Our communities deserve good-faith action from Congress.

□ 1230

ANNOUNCEMENT BY THE SPEAKER PRO TEMPORE

The SPEAKER pro tempore (Mr. COLLINS of Georgia). Pursuant to clause 8 of rule XX, the Chair will postpone further proceedings today on the motion to suspend the rules on which a recorded vote or the yeas and nays are ordered, or on which the vote incurs objection under clause 6 of rule XX.

Any record vote on the postponed question will be taken later.

ACADEMIC COMPETITION RESOLUTION OF 2013

Mrs. MILLER of Michigan. Mr. Speaker, I move to suspend the rules and agree to the resolution (H. Res. 77) establishing an academic competition in the fields of science, technology, engineering, and mathematics among students in Congressional districts.

The Clerk read the title of the resolution.

The text of the resolution is as follows:

H. RES. 77

Resolved,

SECTION 1. SHORT TITLE.

This resolution may be cited as the "Academic Competition Resolution of 2013".

SEC. 2. FINDINGS.

The House of Representatives finds as follows:

(1) STEM (Science, Technology, Engineering, and Mathematics) fields and knowledge have been integral to the development of civilization over the centuries.

(2) STEM fields have been, and continue to be, vital to a healthy and thriving United States.

(3) STEM fields are even more important in a world and nation of continuous and rapid technological advancements and needs.

(4) STEM fields are necessary to ensure a qualified national workforce and growing American economy, and a recent study predicted that one-half of all STEM jobs in 2020 will be related to the field of computer science.

(5) A recent study found that less than one-third of eighth graders in the United States showed proficiency in mathematics and science.

(6) A recent study found that only 9 States allowed computer science courses to count toward high school students' core graduation requirements.

(7) A recent study found that only one-third of the bachelor's degrees earned in the United States are in a STEM field.

(8) A recent study found that more than one-half of the science and engineering graduate students in institutions of higher education in the United States are from outside the United States.

(9) Efforts to encourage students to work in STEM fields will enhance collaborative efforts between our secondary education systems and STEM-related fields and industries.

(10) The global economy demands that the United States continue to lead the world in innovation, creativity, and STEM-related research.

(11) Bringing together Members of Congress and their younger constituents to participate in activities that will result in a deeper appreciation for STEM fields will foster enthusiasm for education in the sciences.

(12) The support which students will gain through Congressional recognition of their work on STEM-related projects will encourage them to pursue career paths in STEM studies and research.

(13) It is appropriate for the House of Representatives to institute a new and worthwhile competition to encourage students to participate in STEM studies and research.

(14) Rapid technological change means the competition will evolve over time and will challenge students in specialized areas of science, technology, engineering and math to ensure maximum participation. Because of the importance of computer science it would be appropriate to initially challenge students to develop so-called "apps" for mobile, tablet, and computer platforms.

SEC. 3. CONGRESSIONAL COMPETITION IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS.

(a) ESTABLISHMENT OF COMPETITION.—There is hereby established an academic competition in the fields of science, technology, engineering, and mathematics which shall be held each year among students in each Congressional district.

(b) REGULATIONS.—The competition under this resolution shall be carried out in accordance with such regulations as may be prescribed by the Committee on House Administration, except that the regulations shall permit the office of a Member to seek guidance from outside experts in the fields of science, technology, engineering, and mathematics for the purposes of establishing criteria for the selection of competition judges and for the judgment of competition submissions.

The SPEAKER pro tempore. Pursuant to the rule, the gentlewoman from Michigan (Mrs. MILLER) and the gentleman from Pennsylvania (Mr. BRADY) each will control 20 minutes.

The Chair recognizes the gentlewoman from Michigan.

GENERAL LEAVE

Mrs. MILLER of Michigan. Mr. Speaker, I ask unanimous consent that all Members have 5 legislative days to revise and extend their remarks on the House resolution.

The SPEAKER pro tempore. Is there objection to the request of the gentlewoman from Michigan?

There was no objection.

Mrs. MILLER of Michigan. Mr. Speaker, I yield myself such time as I may consume.

I rise today in very strong support of House Resolution 77 to establish an academic competition that promotes innovation among students from across the country in the science, technology, engineering, and math—or the "STEM" fields, as they are called.

This program will be modeled after the Congressional Art Competition. This Congressional Academic Competition will be a nationwide STEM innovation competition for participating students in every congressional district. Each year, students will submit STEM projects or programs to their Representatives for consideration. Representatives, Members of Congress, will then select the winning submissions that will be recognized in Washington, D.C., each year. The initial focus of this competition will be software applications. Submissions will likely include smart phone apps, management software programs, and social media technologies.

STEM positions are among the fastest growing occupations. Unfortunately, organizations are having a difficult time filling these positions with qualified and diverse candidates. At least half the growth in the U.S. gross domestic product over the last 50 years has been due to science and engineering. Yet the United States, unfortunately, is losing its competitive edge in those fields. According to a 2010 National Academies report, the United States ranked 27th among developed countries in the proportion of college students earning bachelor's degrees in science or engineering.

As I mentioned, it is our intent to model this program after the Artistic Discovery Competition. I would say, Mr. Speaker, since my arrival here in Congress, I've just marveled at the incredible abilities, the talents, the creativity of young artists from my district, and I have certainly been honored to display the winning submission here in the Capitol building.

I truly believe that the Artistic Discovery has worked to inspire those artists to hone their skills and advance their creativity. This STEM competition, this program that we are talking about today, could do so much more of the same and perhaps help us discover the next Steve Jobs or Bill Gates. This would not only help our young people to thrive, but it would also advance our entire economy.

A study by the President's Council of Advisors on Science and Technology found that, over the next decade, "economic forecasts point to a need for producing approximately 1 million more college graduates in STEM fields than expected."

We are nowhere near meeting that goal, and this competition would be a