MARGARET WOOD HASSAN
Governor

STATE OF NEW HAMPSHIRE
OFFICE OF THE GOVERNOR

BY HER EXCELLENCY
MARGARET WOOD HASSAN, GOVERNOR
EXECUTIVE ORDER 2014-01

an order establishing the Governor's Task Force on Science, Technology, Engineering and Math Education

WHEREAS, a strong foundation in science, technology, engineering and math will be essential for New Hampshire's students to compete in today's competitive global economy; and

WHEREAS, businesses in all sectors of New Hampshire's economy have a greater demand for workers with a strong grounding in STEM skills; and

WHEREAS, New Hampshire's future economic growth will depend on its ability to ensure a workforce ready for increasingly skilled jobs; and

WHEREAS, to meet the economic demands of the future and ensure the future success of our families, New Hampshire must encourage more of its young people, particularly young women, to consider STEM fields;

NOW, THEREFORE, I, MARGARET WOOD HASSAN, GOVERNOR of the State of New Hampshire, by the authority vested in me pursuant to Part II, Article 41 of the New Hampshire Constitution, do hereby establish the Governor's Task Force on Science, Technology, Engineering and Math Education, which shall be composed of the following members, appointed by the Governor:

1) A representative of the New Hampshire Teachers of Mathematics;
2) A representative of the New Hampshire Science Teachers Association;
3) A representative of the New Hampshire Association of School Principals;
4) A parent of a child, or children, in a New Hampshire public school;
5) A duly elected member of a New Hampshire School Board;
6) A representative of the New Hampshire School Administrators Association;
7) A representative of the Community College System of New Hampshire;
8) A representative of the University System of New Hampshire;
9) A representative, or representatives, of New Hampshire's private colleges and universities; and
10) Three representatives of New Hampshire's business community.

FURTHER, the commissioner of the Department of Education, or a designee, shall also serve as a member of the Task Force;

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FURTHER, the Governor shall appoint the chair of the Task Force;

FURTHER, the Task Force shall make recommendations to the Governor on how to ensure that the kindergarten through 12th grade science, technology, engineering and math education that New Hampshire provides its children prepares them for today's technology-driven society and includes standards that are both rigorous and extensive enough to prepare our students to compete globally by:

A. With regard to science education:

1) Examining New Hampshire's existing science standards and science education practices, including time spent on science instruction;
2) Considering best science education practices and standards nationwide, including national models such as the Next Generation Science Standards;
3) Recommending new, rigorous science standards for New Hampshire schools – including any changes New Hampshire should make to improve national models; and
4) Recommending, if necessary, any other changes to improve science education in New Hampshire;

B. With regard to math education:

1) Examining New Hampshire's current math standards and requirements;
2) Considering whether students should be offered multiple math pathways for future careers, including increased applied math offerings;
3) Considering whether mathematic requirements for high school graduation should be increased; and
4) Recommending any new math standards, requirements and offerings the Task Force believes is necessary to ensure the competitiveness of New Hampshire's students and businesses in the future; and

C. With regard to technology and engineering:

1) Examining New Hampshire's current engineering and technology offerings;
2) Considering and recommending whether schools and students should be required to participate in any specific engineering and technology curricula;
3) Recommending how to better integrate engineering and technology into existing school activities;
4) Examining and recommending ways New Hampshire could provide better academic pathways for students considering all levels of STEM careers; and
5) Recommending methods for interesting more students in STEM fields.

FURTHER, the Task Force shall consider whether improvements to other areas of the curricula, such as arts education, could improve students' overall success, including in the STEM fields;

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FURTHER, the Task Force is likely to identify barriers to implementing more rigorous STEM standards, including a lack of trained teachers or a lack of adequate school facilities. The Task Force may make recommendations for addressing these barriers. However, the existence of barriers should not prevent Task Force members from recommending what they believe to be the best possible STEM standards for New Hampshire education;

FURTHER, the Department of Education shall provide administrative support to the Task Force; and

FURTHER, the Task Force shall submit its final recommendations and report to the Governor by November 14, 2014.

Given under my hand and seal at the Executive Chambers in Concord, this Ninth day of April, in the year of Our Lord, two thousand and fourteen and of the independence of the United States of America, two hundred and thirty-eight.

Margaret Wood Hassan

GOVERNOR OF NEW HAMPSHIRE

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