
HOUSE CONCURRENT RESOLUTION

ENDORISING THE RENAMING OF THE SCIENCE TECHNOLOGY ENGINEERING
MATHEMATICS (STEM) INITIATIVES TO THE SCIENCE TECHNOLOGY
ENGINEERING AGRICULTURE MATHEMATICS (STEAM) INITIATIVES.

1 WHEREAS, agricultural education is a systematic program of
2 instruction available to students desiring to learn about the
3 science, business, and technology of food safety, food security,
4 plant and animal systems, and stewardship of our environmental
5 and natural resources; and

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7 WHEREAS, agricultural education first became a part of the
8 public education system in 1917 when the United States Congress
9 passed the Smith-Hughes Act; and

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11 WHEREAS, today, approximately one million students,
12 throughout the fifty states and the United States territories,
13 participate in formal agricultural educational instructional
14 programs beginning in the seventh grade; and

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16 WHEREAS, the three components of agricultural education are
17 classroom and laboratory instruction (contextual learning),
18 supervised agricultural experience programs (experiential
19 learning), and student leadership organizations (National Future
20 Farmers of America Organization); and

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22 WHEREAS, agricultural education has a significant impact on
23 student success through the attainment of skills required to
24 compete in the global economy; and

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26 WHEREAS, agriculture is a field equal to science,
27 technology, engineering, and mathematics in terms of innovative
28 educational programs, now, therefore,

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30 BE IT RESOLVED by the House of Representatives of the
31 Twenty-sixth Legislature of the State of Hawaii, Regular Session



1 of 2012, the Senate concurring, that the science, technology,
2 engineering, and mathematics initiatives known as STEM
3 initiatives, be renamed to the science, technology, engineering,
4 agriculture, and mathematics initiatives, to be known as STEAM
5 initiatives; and

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7 BE IT FURTHER RESOLVED that the following entities are
8 requested to reconvene and supplement the reports made to the
9 Legislature on the science, technology, engineering, and
10 mathematics initiatives requested by House Concurrent Resolution
11 No. 297, S.D. 1, C.D. 1 (2010):

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13 (1) University of Hawaii at Manoa, College of Engineering;
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15 (2) University of Hawaii at Manoa, College of Tropical
16 Agriculture and Human Resources;
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18 (3) Department of Education;
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20 (4) Department of Business, Economic Development, and
21 Tourism;
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23 (5) The Hawaii Robotics Organizing Committee; and
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25 (6) The Economic Development Alliance of Hawaii, Inc., and
26 the Hawaii 3Ts School Technology Laboratories Fund,
27 pursuant to section 302A-1314, Hawaii Revised
28 Statutes; and

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30 BE IT FURTHER RESOLVED that these entities are requested to
31 provide their respective written supplemental reports to the
32 Legislature no later than twenty days prior to the convening of
33 the 2013 Regular Session on the following:

- 34
35 (1) Recommendations on how agriculture can be integrated
36 into current science, technology, engineering, and
37 mathematics initiatives;
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39 (2) The economic value of expanded workforce development
40 capacity of agriculture and related industries; and
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42 (3) The status of each entity's agriculture initiatives,
43 activities, and recommendations for long-term
44 expansion and funding requirements; and



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 2 BE IT FURTHER RESOLVED that certified copies of this
 3 Concurrent Resolution be transmitted to the Dean of the
 4 University of Hawaii at Manoa, College of Engineering; the Dean
 5 of the University of Hawaii at Manoa, College of Tropical
 6 Agriculture and Human Resources; the Superintendent of
 7 Education; the Director of Business, Economic Development, and
 8 Tourism; the Executive Director of the Hawaii Robotics
 9 Organizing Committee; and the Chair of the Economic Development
 10 Alliance of Hawaii, Inc.

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OFFERED BY:

		
		
		
		
		
		
		
		