



HR0564

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1 HOUSE RESOLUTION

2 WHEREAS, FIRST is For the Inspiration and Recognition of
3 Science and Technology; and

4 WHEREAS, Robotics is rapidly proving to be one of the most
5 effective, compelling, and engaging means for teaching and
6 reinforcing fundamental science, technology, engineering, and
7 mathematics (STEM) concepts as well as inspiring the nation's
8 youth to pursue STEM-related careers, thereby helping to
9 create a highly skilled, 21st-century American workforce; and

10 WHEREAS, There is a strong need to recognize America's
11 leadership in robotics technology, educate the public on
12 robotics technology's broad potential, growing importance, and
13 future impact on American society, underscore the need for
14 increased investment in robotics technology research and
15 development, and inspire the nation's youth to pursue careers
16 in robotics and other STEM-related fields; and

17 WHEREAS, The United States has the largest number of
18 academic and research organizations with dedicated programs
19 focused on the advancement of robotics technology; and

20 WHEREAS, Aptitude in mathematics, science, and engineering
21 is essential for a knowledge-based society; and

1 WHEREAS, The State of Illinois must continue to make deep,
2 hands-on STEM experiences a true priority in school districts
3 around the country by unlocking increased funding for
4 programming that builds strong foundations for STEM literacy,
5 increases diversity, equity, and inclusion in STEM, and
6 prepares the STEM workforce for the future; and

7 WHEREAS, Not all STEM jobs of the 21st century require a
8 traditional four-year degree, so greater pathways toward STEM
9 education must be encouraged; and

10 WHEREAS, Robotics has matured into an all-encompassing and
11 enabling technology that, as a pillar of 21st-century American
12 innovation, is positioned to fuel a broad array of next
13 generation products and applications and transform our
14 society; and

15 WHEREAS, The emerging market for robotics and related
16 technology in various sectors, including health care, national
17 defense, homeland security, energy, manufacturing, logistics,
18 transportation, agriculture, education, consumer goods, and
19 others, is expected to grow at a compound annual growth rate of
20 nearly 20 percent over the next few years to become a worldwide
21 \$27,000,000,000 industry; and

1 WHEREAS, Robotics is a critical technology capable in the
2 near term of contributing to the economic recovery by creating
3 new jobs, increasing productivity, improving quality, and
4 increasing worker safety; therefore, be it

5 RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE ONE
6 HUNDRED SECOND GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that
7 we declare the third Friday in March 2021 and March 2022 as
8 "FIRST Robotics Day" in the State of Illinois; and be it
9 further

10 RESOLVED, That we recognize the continuing importance of
11 the National Science Foundation's math and science education
12 programs and encourage local school districts and other
13 educational agencies to fund afterschool robotics programs;
14 and be it further

15 RESOLVED, That we encourage schools and educators to
16 observe the day with appropriate activities that teach
17 students about robotics and engage them with the study of
18 mathematics and science.