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Robotic Automation, Scientific Discovery Featured in NBHS Stem Week

Students at New Bedford High School embraced Massachusetts' 2019 STEM Week engaging in multiple project-based activities and experiences as part of their Career Vocational Technical Education and Science classes. STEM Week is an initiative organized by the Massachusetts Executive Office of Education and the Mass STEM Council and is intended to promote interest in STEM exploration. STEM week was implemented in 2018, and New Bedford High School has participated for the past 2 years.

This year's events at NBHS included students showcasing their skills in robotic automation and programming. New this year, students in the Information Technology program participated in programming code into robots, which yielded activities such as the robotic race around the second floor core of the high school, and the painting activity, in where students coded the robotic to produce a work of art. Other activities included a 3-D modeling and printing challenge in the advanced manufacturing class and a water quality test lab in the Environmental Science class.

STEM is defined as "a curriculum based on the idea of educating students in four specific disciplines — Science, Technology, Engineering and Mathematics, in an interdisciplinary and applied approach."

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Photo caption:
New Bedford High Students participated in robotic automation, coding and 3-D modeling as part of STEM Week, Oct. 21-25. (Submitted photo)

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