STEM Implementation

Anne DeMallie

Department of Elementary and Secondary Education

STEM Education

A comprehensive STEM education is <u>relevant, rigorous, and coherent;</u> thereby fostering deep knowledge of the content and practices in and across the STEM disciplines as outlined in the MA Curriculum Frameworks.

(Science and Technology/Engineering, Mathematics, and Digital Literacy and Computer Science)

Vision and Mission

All Massachusetts students will be able to apply the content and practices in and across the STEM disciplines to their everyday lives, civic engagement, and careers.

To ensure that all Massachusetts students have a relevant, rigorous, and coherent Pre-K–12 STEM education aligned to the MA Curriculum Frameworks.

What's Happening?

- [MassCore](#)

- [Science & Technology Engineering Standards Connections to the Mathematics and English Language Arts /Literacy Standards](#)

- [BP Integrating Computation Thinking in STE and Math](#)
  - [DLCS Ambassadors](#)

- [Innovation Pathways](#)

What's Happening?

- [Science and Math Institute](#), June 11, 2019

- Integrating Elementary STE and Math Network

- Integrating Digital Literacy and Computer Science, K-8 Guidebook Network

- SY2019-2020 STEM Landscape analysis of STEM Programs

THANK YOU

Anne DeMallie, Digital Literacy and Computer Science Lead

☎ 781.388.3527   ✉ ademallie@doe.mass.edu

🖥 www.doe.mass.edu/stem/dlcs   🏠 75 Pleasant Street, Malden, MA 02148

**MASSACHUSETTS DEPARTMENT OF
ELEMENTARY AND SECONDARY
EDUCATION**