**Four STEM Workshops to be offered Regionally!**

**Enhancing Grade-level Math and Science Instruction**

**for All with a Multilingual Lens**

Participants will learn how to integrate Massachusetts Mathematics and Science Technology/Engineering (STE) Frameworks and WIDA English Language Development (ELD) Standards for planning STEM instruction in the core classroom. Grounded in the philosophy of shared responsibility, accountability, and expertise as central to multilingual learner success, this workshop will explore contexts for simultaneous implementation of the WIDA ELD 2020 Framework and its alignment the [MA Blueprint for EL success](https://www.doe.mass.edu/ele/blueprint/), the [Acceleration Roadmap](https://www.doe.mass.edu/covid19/on-desktop/roadmap/leader-edition.pdf#:~:text=The%20Acceleration%20Roadmap%20is%20a%20tool%20for%20teachers,for%20accelerated%20learning%20over%20the%20next%20several%20years.), Culturally Responsive Instruction. Participants will connect and apply aspects of the WIDA ELD Framework to the Mathematics and STE Frameworks to support grade level access to content for all learners.

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| **Date** | **Session** | **Overview of Course Flow** |
| Before Day 1: Preparation - Reading Assignment | | |
| Day 1: | Morning  8-11:30 | The Massachusetts context for simultaneous implementation of the WIDA 2020 English Language Development Framework, MA Frameworks for Math and Science and 3 core Massachusetts equity-focused documents. |
| Afternoon  12-3:30 | Exploration and application of Massachusetts Math and Science Standards and actionable WIDA components. |
| Before Day 2: Preparation – Reading Assignment | | |
| Day 2 | Morning  8-11:30 | How to integrate Massachusetts Mathematics, Science  and ELD standards for scaffolding STEM instruction. |
| Afternoon  12-3:30 | District Team Collaborative Practice Session  Tuning and showcasing Massachusetts language and content standards integration by district teams. PDPs. |

Audience:

Specifically designed for the core math and science content teacher and the language teachers that support the STEM classroom. Appropriate for STEM directors and coaches, and Bilingual/EL directors and coaches and instructional coaches.

Preferred registration: STEM/Language Educator team with one of each minimally (Science/Math + ESL/Bilingual)

15 Professional Development Points that fulfills the requirement of SEI, ESL or Bilingual Education educators need to renew their licenses. PDPs will be awarded for 100% attendance and completion of all activities.

**Cohort Dates, Times, Locations and Registration Links:**This will be an in-person course two back-to-back days.

**Cohort 1 Dates: August 8-9, 2022 (Mon/Tues)**

**Location: Holyoke (Western Region)**

Details for site location will be sent upon confirmation of all registration information for each participant.

Time: 8AM-3:30PM

Bring a Brown Bag Lunch-Onsite Lunch

Registration Link:<https://forms.gle/6k5cjCEZNr2ZU75N7>

* Registration sponsored by DESE for 30 participants. First come first served. A waitlist will be started as soon as the course fills.

**Cohort 2 Dates: August 10-11, 2022 (Wed/Thurs)**

**Location: Hudson (Central Region)**

Details for site location will be sent upon confirmation of all registration information for each participant.

Time: 8:00AM-3:30PM

Bring a Brown Bag Lunch-Onsite Lunch

Registration Link:<https://forms.gle/bYk9trJPc1yMSqUBA>

* Registration sponsored by DESE for 30 participants. First come first served. A waitlist will be started as soon as the course fills.

**Cohort 3 Dates: August 15-16, 2022 (Mon/Tues)**

**Location: Brockton (Southeast Region)**

Details for site location will be sent upon confirmation of all registration information for each participant.

Time: 8AM-3:30PM

Bring a Brown Bag Lunch-Onsite Lunch

Registration Link:<https://forms.gle/Wkb3qF6Fe291YF1V7>

* Registration sponsored by DESE for 30 participants. First come first served. A waitlist will be started as soon as the course fills.

**Cohort 4 Dates: August 17-18, 2022 (Wed/Thurs)**

**Location: Woburn (Northeast Region)**

Details for site location will be sent upon confirmation of all registration information for each participant.

Time: 8:00AM-3:30PM

Bring a Brown Bag Lunch-Onsite Lunch

Registration Link:<https://forms.gle/GUxhbJsj1tjZnnS49>

* Registration sponsored by DESE for 30 participants. First come first served. A waitlist will be started as soon as the course fills.

**Questions ?**

* **DESE QUESTIONS?** Contact Meto Raha, meto.raha@mass.gov
* **REGISTRATION QUESTIONS ? Contact**

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