
MEMORANDUM

TO: Superintendents
FROM: Jess DeCarolis, Division Director, Student Pathways Division
SUBJECT: Math for All Learners Professional Learning
DATE: June 29, 2023

Background

The Vermont Agency of Education (AOE) will again be supporting professional learning to improve universal instruction and assessment practices in mathematics that focus on improving learning outcomes for all students. The AOE has extended its contract with the All Learners Network for one additional year to deliver this professional learning as part of the Agency's continuing support of supervisory unions/supervisory districts (SUs/SDs) meeting the goals of Act 173 and those outlined in the State's Recovery Plan.

Through this contract, the AOE will be supporting professional learning opportunities at no cost to participating SU/SDs and their faculty and staff, that will develop and improve universal core instruction and assessment practices in mathematics to support equitable educational opportunities for all students. The AOE believes that equitable learning opportunities can be achieved by strengthening key areas such as pedagogical content knowledge, instructional strategies, and formative assessment practices. Professional learning opportunities on universal core instruction, appropriate and effective intervention, and maximizing learning opportunities will benefit educators who serve Vermont students, including those students who may struggle or need additional support.

Professional Learning Opportunities

The areas listed below were identified by Vermont educators as having the highest value for improving their instructional practices. This information was gathered through surveys of Vermont educators who have participated in previous contracted services provided by the AOE. Some workshops may be offered both in-person and virtually, while some may be offered in only one modality based upon specificity of the topic and/or the size of the intended audience.

1. Math for All Learners Annual Conferences, through a virtual event in the fall of 2023 and an in-person event in the spring of 2024. These



conferences will consist of multiple offerings of smaller, more focused sessions directed at, but not limited to, any of the topics listed below.

2. Quality Tier 1 instruction workshops (up to 30 participants for in-person events, up to 60 participants for virtual events), including both in-person and virtual sessions.

Session topics include:

- a. Educational Equity, Inclusion, and Classroom Culture – 1 day in-person
 - b. Fact Fluency: Addition – ½ day virtual
 - c. Fact Fluency: Multiplication – ½ day virtual
 - d. Launch and Number Sense Routines – 1 day in-person
 - e. Math Menu – 1 day in-person
 - f. Pre-K Early Numeracy - 1 day in-person, 1 day virtual
 - g. Supporting Math Content: Algebra – 1 day virtual
 - h. Supporting Math Content: Fractions – 1 day virtual
 - i. Supporting Math Content: Multiplication – 1 day virtual
 - j. Supporting Math Content: Subtraction – 1 day virtual
 - k. UDL in Math Class - 1 day virtual
3. Systems for intervention workshops (up to 30 participants for in-person events, up to 60 participants for virtual events), including both in-person and virtual sessions. The workshops will train educators how to use students' work to set goals, support enduring concepts at the current grade level and previous grade, encourage maximizing learning opportunities and accelerate learning:
 - a. Intervention: Grades K-2 - 1 day virtual
 - b. Intervention: Grades 3-5 - 1 day virtual
 - c. Intervention: Grades 6-8 - 1 day virtual
4. Specialized instruction workshops (up to 30 participants for in-person events, up to 60 participants for virtual events), including both in-person and virtual sessions., These sessions cover strategies to best support students with disabilities:
 - a. Specialized Math Instruction: Introduction - 1 day virtual
 - b. Specialized Math Instruction: Models, Critical Strategies and Progress Monitoring- 1 day virtual

Please contact Ryan Parkman at ryan.parkman@vermont.gov for more information or questions about this contract, or visit the [All Learners Network webpage](#) for more information regarding these events and registration information as it becomes available.