### Professional Learning Packages

*Click the session name for more detailed information.*

<table>
<thead>
<tr>
<th>ID</th>
<th>Session Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3+</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL200</td>
<td><strong>ST Math Champion Empowerment Package</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><em>Three year package designed to equip and empower ST Math Champions.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL230</td>
<td><strong>ST Math Curriculum Integration Package</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><em>A series of collaborative sessions aimed to empower curriculum writers to embed ST Math into the district core curriculum.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL290</td>
<td><strong>Math Discourse with Puzzle Talks</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td><em>Multi-session workshop and modeling package designed to equip &amp; empower educators to facilitate discourse with ST Math Puzzle Talks.</em></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### ST Math Professional Learning Workshops

*Click the session name for more detailed information.*

<table>
<thead>
<tr>
<th>ID</th>
<th>Session Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3+</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL100</td>
<td><strong>Foundations of ST Math</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td></td>
<td><em>Introduction to ST Math</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL102</td>
<td><strong>Monitoring &amp; Supporting Students in ST Math</strong></td>
<td>✓</td>
<td></td>
<td></td>
<td>PL100</td>
</tr>
<tr>
<td></td>
<td><em>Use data to monitor and support your students</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL103</td>
<td><strong>Enhancing Instructional Practices with ST Math</strong></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td><em>Includes 5 different options to integrate ST Math with current instructional practices.</em></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PL104</td>
<td><strong>Maximizing your ST Math Implementation</strong></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td><em>Deepen ST Math practices for returning schools</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL107</td>
<td><strong>Using Tools with ST Math</strong></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td><em>Use math tools to enhance the ST Math experience.</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL108</td>
<td><strong>Strategies for Developing Language with ST Math</strong></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td><em>Practical strategies to support language with ST Math</em></td>
<td></td>
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</tr>
</tbody>
</table>

*Continue to the next page for Administrator, Special Program, and Curriculum Training options*
## ST Math Professional Learning Workshops Continued

*Click the session name for more detailed information.*

<table>
<thead>
<tr>
<th>ID</th>
<th>Session Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3+</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL109</td>
<td><strong>Facilitating Math Discourse with Puzzle Talks</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100 &amp; PL102</td>
</tr>
<tr>
<td></td>
<td>Engage students in rich mathematical discourse and problem solving</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL101</td>
<td><strong>Customized PLC Support</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100</td>
</tr>
<tr>
<td></td>
<td>Flexible options to support and strengthen your implementation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL111</td>
<td><strong>ST Math Classroom Modeling</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100</td>
</tr>
<tr>
<td></td>
<td>Observe an ST Math facilitator model lessons and strategies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL400</td>
<td><strong>Family Workshop</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Engage parents, guardians, and care-givers in ST Math</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NA</td>
<td><strong>Workshop Add-on Topics</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Varies</td>
</tr>
<tr>
<td></td>
<td>Customize and extend your workshop with additional topics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Administrators, Coaches, and Math Leaders

*Click the session name for more detailed information.*

<table>
<thead>
<tr>
<th>ID</th>
<th>Session Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3+</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL500</td>
<td><strong>Introduction to ST Math for Administrators</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Ensure a strong ST Math implementation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL501</td>
<td><strong>Data Driven Instruction &amp; Rhythms with ST Math</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100 or PL500</td>
</tr>
<tr>
<td></td>
<td>Use data and weekly rhythms to ensure ST Math has the highest impact</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL502</td>
<td><strong>Enhancing Core Instruction with ST Math</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>PL100 or PL500</td>
</tr>
<tr>
<td></td>
<td>Use ST Math as a powerful instructional tool to support core instruction</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

*Updated Spring 2024 | Page 2 | Return to the Workshop Table of Contents*
# ST Math Special Program and Curriculum Training

These programs require an additional purchase beyond ST Math digital software

<table>
<thead>
<tr>
<th>ID</th>
<th>Session Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3+</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL300</td>
<td>Early Learning&lt;br&gt;Introduce ST Math to the teachers of your youngest learners</td>
<td>✓</td>
<td></td>
<td></td>
<td>None</td>
</tr>
<tr>
<td>PL302</td>
<td>Enhancing the Early Learning Curriculum&lt;br&gt;Dive deeper into ST Math: Early Learning</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>PL300</td>
</tr>
<tr>
<td>PL310</td>
<td>ST Math Summer Immersion&lt;br&gt;Learn to leverage the ST Math Immersion instructional framework</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Experienced ST Math users</td>
</tr>
<tr>
<td>PL311</td>
<td>ST Math Immersion Support&lt;br&gt;Customized modeling and program support</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PL320</td>
<td>ST Math Camps&lt;br&gt;Prepare to successfully teach and facilitate ST Math Camps</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>None</td>
</tr>
</tbody>
</table>
Foundations of ST Math

*Introduction to ST Math*

Foundations of ST Math is an in-depth learning opportunity for those new to ST Math. Participants will immerse themselves in a variety of hands-on experiences that will teach them how ST Math works. Educators will come away with a plan to effectively implement the program with their students.

**Learning Objectives:** Participants will be able to:

- Play ST Math games to discover how learning occurs.
- Support students in ST Math.
- Create a plan to introduce ST Math to students.
- Set goals and monitor students in ST Math.

**Audience**
Year 1 ST Math educators

**Prerequisite**
ST Math educator account must be created prior to training.

**Duration**
Virtual: 90-minute session
On-site: 2-hour session

**Participants**
Virtual: 50 participant maximum
On-site: 25 participant maximum/session

---

Monitoring and Supporting Students in ST Math

*Use data to monitor and support your students.*

Educators will analyze and respond to their ST Math data and equip themselves with strategies to support students in ST Math. This workshop is divided into two parts: using program features to support students when they struggle in ST Math and monitoring class and individual student data to create an action plan in response to discoveries.

**Learning Objectives:** Participants will be able to:

- Identify and support struggling students.
- Analyze data and create an action plan.
- Use assignments to align & differentiate.
- Explore resources for celebration & accountability.

**Audience**
Year 1 ST Math educators

**Prerequisite**
PL100; intended for 6-9 weeks post-startup

**Duration**
Virtual: 90-minute session
On-site: 2-hour session

**Participants**
Virtual: 50 participant maximum
On-site: 25 participant maximum/session
Enhancing Instructional Practices with ST Math

Integrate ST Math into the instructional strategies you already use in your classroom.

In this workshop, school/district administrators identify the mathematical instructional practice or focus area, and participants will learn how to integrate ST Math into the practices they already use.

Session Options and Learning Objectives:

A. Using ST Math in Stations - Develop a plan to incorporate ST Math into new or existing station models and explore ideas to promote accountability, agency, and learning during stations.
   Duration: Virtual: 60-90-minutes, On-site: 1.5 - 2 hours

B. Curriculum Integration & Targeting Standards - Explore and experience the flexibility of ST Math within your core math program and build an understanding of rhythms designed to target specific standards.
   Duration: Virtual: 90-minutes, On-site: 2 hours

C. Writing in Math - Integrate exit tickets & math journals to extend and make connections to ST Math.
   Duration: Virtual: 60-90-minutes, On-site: 1.5 - 2 hours

D. Extending ST Math - Explore strategies and resources to extend thinking for all learners and support early finishers throughout the year.
   Duration: Virtual: 90-minutes, On-site: 2 hours

E. Data Tracking & Goal Setting - Empower students to take ownership of their learning in ST Math and set individual and/or classroom goals.
   Duration: Virtual: 60-90-minutes, On-site: 1.5 - 2 hours

Audience All ST Math educators
Prerequisite PL100 and 102
Duration See each session for duration
Participants Virtual: 50 participant maximum
   On-site: 25 participant maximum/session
Maximizing your ST Math Implementation

Learning Objectives: Participants will be able to:

- Explore new features and resources
- Develop rhythms to support success

A. Extend learning with math discourse
   - Teacher guided Problem Solving
   - Engagement strategies

B. Create a positive classroom culture with ST Math
   - Student Accountability
   - Social Emotional Learning

Audience: ST Math Educators with at least one year of experience

Prerequisite: PL100 and 102

Duration:
- Virtual: 90-minute session (all objectives)
  60-minute session (Choose A or B)
- On-site: 2-hour session (all objectives)
  90-minute session (Choose A or B)

Participants:
- Virtual: 50 participant maximum
- On-site: 25 participant maximum/session

Using Tools with ST Math

Use math tools effectively to enhance the ST Math experience.

Topic Progression: Each topic builds upon the previous.

1. Use embodied cognition and math tools to recreate feedback.
2. Use math tools you already have to deepen conceptual understanding during whole group facilitation.
3. Incorporate math tools into the ST Math routine to build capacity and independence.

Audience: ST Math Educators with at least one year of experience

Prerequisite: PL100 and 102

Duration:
- Virtual: 30-minute (Topic 1), 60-minute (Topics 1 & 2), or 90-minutes (Topics 1, 2, & 3)
- On-site: 60-minute (Topic 1), 90-minute (Topics 1 & 2), or 120-minutes (Topics 1, 2, & 3)

Participants:
- Virtual: 50 participant maximum
- On-site: 25 participant maximum/session
Strategies for Developing Language with ST Math

Practical strategies to support the use of language with ST Math

ST Math is designed around our research-based, patented approach using visual models to build a conceptual understanding of math concepts; however, that doesn't mean language isn't important. In this session educators will learn strategies to support the use of language with ST Math.

Learning Objectives: Participants will be able to:

- Understand how ST Math provides access to math content, critical thinking, and communication.
- Experience strategies to increase language proficiency in the classroom.
- Identify how playing ST Math supports receptive and expressive language development.
- Apply and expand ideas and strategies to immediately apply them in the classroom.

Audience: Experienced ST Math user
Prerequisite: PL100 and PL102
Duration: Virtual: 90 minutes
On-site: 2-hours
Participants: Virtual 50 participant maximum
On-site 25 participant maximum/session

Facilitating Math Discourse with Puzzle Talks

Learn to engage students in rich mathematical discourse and creative problem solving.

Educators will learn to facilitate mathematical discourse flexibly using the new ST Math Puzzle Talk platform for whole or small group instruction. We highly recommend pairing this training with a day of classroom modeling to provide the most impactful learning opportunity to encourage mathematical discourse in the classroom.

Learning Objectives: Participants will:

- Identify the purpose for a Puzzle Talk.
- Experience a Puzzle Talk.
- Practice delivering a Puzzle Talk with peer feedback.
- Develop a plan to integrate Puzzle Talks into core instruction.

Audience: Experienced ST Math user
Prerequisite: PL100 or PL104, PL102
Duration: On-site: 2-hour session
Virtual: 90 minutes
Participants: On-site: 25 participant maximum/session
Suggested Package: Math Discourse with Puzzle Talks Package

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Family Workshop

Develop a strong family connection to support student success in ST Math. In this workshop, families have the chance to learn about ST Math’s unique approach to learning math and why it is important in developing a deep conceptual understanding of mathematics.

**Learning Objectives:** Families will:
- Discover how learning occurs in ST Math.
- Support students working in the program from home.
- Uncover how to view student progress.
- Locate resources for using ST Math at home.

**Audience**
Families of ST Math students

**Prerequisite**
None

**Duration**
On-site 1-hour
Virtual Flexible - see topics →
  - two 30-minute sessions
  - one 60-minute session

**Participants**
Virtual: 50 participant maximum
On-site: 25 participant maximum/session

**Session Topics (15 minutes each)**
- What is ST Math?
- How is my student doing in ST Math?
- How can I support my student?
- Celebrating Success

**Workshop Add-on Topics**
Each topic can be delivered as an add-on to a standard workshop or alone as a Thought Burst, or mini-training.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Description</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>What’s new?</td>
<td>Guided tour of new features and resources.</td>
<td>10-20 mins</td>
</tr>
<tr>
<td>New Puzzle Talk Platform Overview</td>
<td>Overview and exploration of the new Puzzle Talk platform.</td>
<td>15-20 mins</td>
</tr>
<tr>
<td>Strategies for Supporting Stuck Students</td>
<td>Quick tips and strategies to support and respond to students who are struggling in ST Math.</td>
<td>30 mins</td>
</tr>
<tr>
<td>Supporting Early Finishers</td>
<td>Identify and explore ST Math resources to engage students who finish their ST Math Journey early in the year.</td>
<td>30-40 mins</td>
</tr>
<tr>
<td>5 Minute Data Dive</td>
<td>Explore a weekly rhythm to analyze ST Math data to inform instruction.</td>
<td>15-30 mins</td>
</tr>
<tr>
<td>Assessment Support Tool</td>
<td>Overview of assessment integration and Auto-Assignments for customers who have purchased the Assessment Support Tool.</td>
<td>15-20 mins</td>
</tr>
<tr>
<td>Integrating ST Math and Eureka Math Texas *Texas only</td>
<td>Blend routines and resources developed by ST Math with components of the Eureka Math TEKS curriculum structure.</td>
<td>30-60 mins</td>
</tr>
</tbody>
</table>

Catalog continued on the next page
Workshops for Admins, Coaches, & Math Leaders

Introduction to ST Math for Administrators

Ensure a strong ST Math implementation.

In this workshop administrators are introduced to ST Math and its instructional power. They will receive resources to set expectations, monitor implementation, and celebrate success.

Learning Objectives: Participants will...

- Plan for success by setting usage goals and expectations.
- Learn to monitor implementation by analyzing and evaluating ST Math data.
- Choose resources to celebrate success and build a Jiji culture.
- Identify best practices for using ST Math in the classroom.

Audience: Administrators and leaders new to ST Math

Prerequisite: None

Duration: 1 hour

Participants: Virtual: 50 participant maximum
On-site: 25 participant maximum/session

Data Driven Instruction & Rhythms with ST Math

Use data and weekly rhythms to ensure ST Math has the highest impact.

Learning Objectives: Participants will be able to:

- Use data to set, plan for, and reach goals.
- Effectively use the Data Driven Action Plan and plan a regular rhythm to use it with educators.
- Explore ST Math rhythms and routines that support and encourage implementation goals.

Audience: Admins, coaches, and math leaders with ST Math experience

Prerequisite: PL500 or PL100

Duration: Virtual - 60 minutes
On-site: 60-90 minute session

Participants: Virtual 50 participant maximum
On-site 25 participant maximum/session
Enhancing Core Instruction with ST Math  

Use ST Math as a powerful instructional tool to support core instruction.

ST Math is more than just a math software program, it is a powerful instructional tool that can support and enhance all areas of your core math curriculum. In this interactive workshop, administrators, coaches, and math leaders will see and experience the way ST Math can be used to support fluency, direct instruction, conceptual development, and math discourse in the classroom.

Learning Objectives: Participants will be able to:

- Explore and experience the flexibility of ST Math within your core math program.
- Understand how ST Math can support and enhance all areas of math instruction.
- Experience an ST Math Puzzle Talk lesson.
- Review materials and resources available to support and enhance math instruction.

Audience: Admins, coaches, and math leaders with ST Math experience

Prerequisite: PL500 or PL100

Duration: Virtual - 60 minutes  
On-site: 60-90 minute session

Participants: Virtual 50 participant maximum  
On-site 25 participant maximum/session
Customized ST Math Support

ST Math Custom Consult in Small Educator Groups  

**Example Topics:**

- Interpreting ST Math data
- Supporting students
- Math discourse
- Classroom rhythms & routines
- Connecting to core curriculum
- Supporting early finishers
- Celebrating & motivating students
- Differentiating and using assignments
- Family involvement

**Audience**  
Any

**Prerequisite**  
PL100

**Duration**  
Virtual* or on-site: Timing is flexible, ideally 45-60 minutes. Up to six sessions in one day.  
*Additional charges may apply.

**Additional Details**  
Two planning options:  
1. Participants identify areas of interest and greatest need. Sessions are customized to meet the needs of each group.  
2. Administrators can choose the topics based upon implementation goals.

Classroom Modeling

**Participants will observe Professional Learning Specialists modeling ST Math best practices in the classroom with students and reflect upon how they can incorporate strategies into their practice.**

**Modeling Options:**

- **ST Math Launch** - ST Math Facilitator will model the Guided Introduction as a whole group to foster excitement and introduce strategies for approaching a puzzle using the Problem Solving Process.
- **Student Facilitation & Support** - Students will play ST Math while the ST Math Facilitator engages students in math discourse and models support strategies. Educators will observe and participate in a debrief.
- **Puzzle Talks** - ST Math Facilitator will model an ST Math Puzzle Talk utilizing the Problem Solving Process and engaging students in mathematical discourse. Educators will observe and participate in a debrief.

**Audience**  
Any

**Prerequisite**  
PL100

**Duration**  
On-site only; times vary: 20-40 minutes per classroom, time to either introduce or debrief Puzzle Talks

**Additional Details**  
Participants will be provided with recording sheets to reflect upon their observations.

**Suggested Package**  
Math Discourse with Puzzle Talks

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ST Math Programs & Curriculum Training

Early Learning

*Introduce ST Math to the teachers of your youngest learners.*

Educators new to ST Math for Early Learning have the opportunity to engage in an interactive learning experience to learn to integrate the Early Learning Program. Participants will learn how to effectively use resources to support students’ emergent schemas and build an early love for math.

**Learning Objectives:** Participants will:

- Discover how early learners develop math sense.
- Identify and select the early learning curriculum materials to meet needs.
- Discover how to implement the ST Math Early Learning curriculum in the classroom.
- Integrate math language across the curriculum.

**Audience**  Early Learning Teachers new to ST Math (PreK, Transitional Kindergarten)

**Prerequisite**  Purchase of Early Learning Curriculum

**Duration**  Virtual: Two 90-minute sessions (Ideally 1-2 weeks apart)

                 On-site: 4-hour session

**Participants**  Virtual: 50 participant maximum

                 On-site: 25 participant maximum/session

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**Enhancing the Early Learning Curriculum**

Participants will dive deeper into the ST Math: Early Learning Curriculum resources to enhance mathematical experiences for students.

**Learning Objectives:** Participants will be able to:

- Explore and practice Early Learning mathematics.
- Experience facilitation strategies for collaboration.
- Integrate strategy discussions.
- Investigate student work and data.

**Audience**  Teachers using the ST Math Early Learning Curriculum PK or TK

**Prerequisite**  PL300

**Duration**  Virtual: 90-minutes

                 On-site: 2-hour session

**Participants**  Virtual: 50 participant maximum

                 On-site: 25 participant maximum/session
ST Math Immersion

Learn to leverage the ST Math Immersion instructional framework.

Participants will learn how to focus, uncover, and extend student thinking through the ST Math Immersion blended learning framework. During this hands-on workshop, participants will experience the lessons and the pedagogy behind them, explore resources, and plan the first week of instruction.

**Learning Objectives:** Participants will...

- Experience the lesson framework.
- Discover the instructional strategies that are used to build schema and promote student thinking.
- Navigate the exclusive Immersion site and explore the resources.
- Develop a plan for implementation and activities for the first week.

**Audience**      Educators at sites that have purchased the ST Math Immersion program.

**Prerequisite**   Experienced ST Math users

**Duration**       Virtual: Two 90-minute sessions
                   On-site: One 4-hour session

**Participants**   Virtual: 50 participant maximum
                   On-site: 25 participant maximum/session

ST Math Immersion Support

An ST Math consultant will visit your site to provide tailored modeling and support. Ideally this support would occur during the second week of implementation, after teachers have started using ST Math Immersion. Support can also be provided during virtual office hours.

**Support Options:**

- Model Puzzle Talk and/or small group lesson
- Classroom walkthroughs with administrator
- Instructional Station consultation
- Model student facilitation
- Teacher support
- Consulting on Design Challenge

**Audience**      ST Math Immersion teachers and administrators.

**Prerequisite**   PL310 - ST Math Immersion Training

**Duration**       Flexible
**ST Math Camps**

These hands-on, practical workshops will prepare participants to successfully implement the ST Math Camp curriculum. We focus on making sure all participants are ready to teach the first week of ST Math Camp and understand the structure and components of the curriculum so they can confidently facilitate student learning throughout the program.

**Learning Objectives:** Participants will...

- Engage in the daily structure and instructional strategies.
- Experience each of the ST Math Camp program components.
- Create a plan to implement the first module of ST Math Camp.

**Audience**

Educators at sites that have purchased the ST Math Camp program and purchased an add-on live professional learning (virtual or on-site).

**Prerequisite**

Journey & Adventure: Experienced ST Math users - if new to ST Math, please add 30-60 minutes for introduction to the program.

Game Design: None

**Duration**

Virtual: 90-minute sessions
On-site: 2-hour session

*Add 30-60 minutes for sites or educators new to ST Math*

**Participants**

Virtual: 50 participant maximum
On-site: 25 participant maximum/session

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**ST Math Camp: Journey**

PL321

During this workshop, participants will experience an ST Math Puzzle Talk and Activity and prepare to facilitate them with their class in their first module.

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**ST Math Camp: Adventure**

PL322

During this workshop, participants will experience the Table Game they will introduce during the first module as well as prepare to teach the Small Group Problem Solving lesson.

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**ST Math Camp: Game Design**

PL323

During this workshop, participants will experience the design process and walk through the modules of game design that their students will experience.
ST Math Champion Empowerment Package

This 3-year package is designed to equip and empower Champions to elevate the impact of ST Math on student learning. This package includes one on-site training event plus up to five virtual support sessions each year.

Champion Empowerment

Equip Champions to support the implementation of ST Math throughout the school year.

Participants will build and deepen their understanding of ST Math to create a plan to support their colleagues and team throughout the school year with ST Math.

Learning Objectives: Participants will be able to:

- Explain their role as a champion and how they will support the implementation of ST Math.
- Describe the intentional design, goals, and features of ST Math.
- Create an implementation plan to ensure the success of ST Math.
- Monitor, communicate, and celebrate ST Math usage throughout the school year.

Audience ST Math Champions such as math leads, instructional coaches, or teachers leaders who will be responsible for supporting ST Math across their school or district.

Prerequisite See Champion Empowerment Program Flyer

Sessions One on-site session + up to 5 virtual Champion Hours throughout the school year

Champion Hour Virtual Support Sessions

Customizable, just-in-time sessions designed for collaboration and support designated Champions. Up to five Champion Hours per year are included in the ST Math Champions Empowerment Package.

Example Topics:

- Timely Data Monitoring
- Celebrations
- Jiji Culture
- Supporting Students
- ST Math Curriculum
- End of Year Reflection

Audience Site or district ST Math Champions

Duration 30 minutes of content followed by Q&A
Curriculum Integration Package

The Curriculum Integration Package offers a series of collaborative professional learning and support sessions aimed to empower curriculum writers and/or coaches to embed ST Math into the district core curriculum and math practices.

Why this package?

- Embed ST Math into current instructional practices and core curriculum to promote continuity and meaningful connections
- Maximize the usage and impact of ST Math across the district through vision casting and thoughtful planning

End Products:

- Implementation timeline for the year
- Exemplar unit with ST Math embedded
- Tools & templates to complete ST Math curriculum integration

Sessions:

- One 1-hour virtual planning meeting
- Two on-site days: (up to 6-hours)
  - Needs assessment & vision-casting
  - Implementation & curriculum planning
- 6 hours virtual development & feedback sessions (scheduled throughout the year)

Audience: Math Specialists, Instructional Coaches, Curriculum writers

Prerequisite: PL100

Participants: 25 participant maximum/session
Math Discourse with Puzzle Talks Package  PL290

This multi-session workshop and modeling package is designed to equip & empower educators to facilitate discourse with ST Math Puzzle Talks.

What are Puzzle Talks:
- Puzzle Talks are short teacher facilitated lessons similar to “math talks” or “number talks” designed to engage students in problem solving and encourage mathematical discourse.
- Puzzle Talks can easily be integrated into any core math program and give educators a powerful tool to leverage the visual models inherent in ST Math and promote math language development through discourse.

Why this package?
In order to make teacher learning sticky, this package provides a 3 pronged approach:
1. Learn & Plan: Hands on Professional Learning workshop to learn and practice.
3. Implement & Reflect: Set an expectation that educators will deliver at least one Puzzle Talk and then attend a Round Table Reflection session to discuss, debrief, and collaborate with their colleagues about their experience.

Sessions:
- 1-hour virtual planning meeting
- One on-site Professional Learning Workshop: Facilitating Math Discourse with Puzzle Talks
- One on-site Puzzle Talk Modeling day
  *must be day before/after workshop
- 1-hour virtual Puzzle Talk Reflection Round Table

Audience  All educators
Prerequisite  PL100 or PL104, PL102
Participants  25 participant maximum/session

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