OGAP MATHEMATICS TRAINING - NH

ONGOING ASSESSMENT PROJECT
SUMMER 2022

- Four Consecutive, In-Person Days in June, July, & August
- Various Locations throughout NH  (See dates & locations on page 2)
- 8:30 a.m. – 3:30 p.m.  (One hour lunch break at 12 Noon)
- Content Areas: Additive, Multiplicative, Proportions, and Fractions
- Free to NH Educators
- Three virtual follow-up sessions will be scheduled Sept. – Oct. for teachers to review student work and discuss the mathematics progressions

OGAP is an evidence-based formative assessment system that includes professional development, resources, and routines for teachers and leaders to continually adjust instruction to meet the diverse needs of students in grades K-8 mathematics

Benefits of OGAP Training:
- Teachers develop deeper understanding of the mathematical content
- Introduce teachers to underlying research on student learning
- Explore and model effective instructional strategies
- Provide practice in using OGAP tools and routines to continually monitor and respond to student thinking
- Actively engage teachers in problem solving, analyzing student work, and small and whole group discussions
- OGAP helps teachers become smarter users of their district’s math program

“OGAP focuses conversation about student work where the first thing we look at is evidence of what students know instead of what they don’t know”

K-2 Additive Reasoning
- Number Sense
- Counting & Subitizing
- Number Composition
- Number Lines & Magnitude
- Addition & Subtraction
- Basic Fact Fluency

3-6 Multiplicative
- Properties of Multiplication
- Problem Structures
- Meaning of the Quantities
- Algorithms & the Open Area Model
- Division
- Fact Fluency

6-8 Proportional
- Proportional Relationships
- Ratios
- Percents
- Similar Rectangles
- Problem Contexts, Structures, and Types
- Understanding Cross-Products

3-5 Fractions
- Visual Models
- Equivalence
- Comparing & Ordering
- Equipartitioning
- Number Lines
- Problem Solving
All trainings will start at 8:30 a.m. and end at 3:30 p.m. with a 1-hour lunch break. Please bring or buy your own lunch, lunch will not be provided.

**GRADUATE CREDIT OPTION**

NHLI and SNHU have partnered to enable participants to earn three (6) graduate credits for their full participation in this training. Cost is $190/credit, ($1,140 total) payable by July 15, 2022. Cancellations of the graduate credit option must be made in writing to: mailto:mgfroerer@nhlearninginitiative.org before August 15, 2022. After this date there are no cancelations or refunds. You may pay for graduate credit by credit card only once you have completed your registration for the Training.

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<table>
<thead>
<tr>
<th>OGAP TRAINING</th>
<th>DATES</th>
<th>DISTRICT</th>
<th>LOCATION</th>
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</thead>
<tbody>
<tr>
<td>Additive</td>
<td>Monday-Thursday <strong>June 27-30</strong></td>
<td>Barrington</td>
<td>TBD</td>
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<tr>
<td>Fractions</td>
<td>Monday-Thursday <strong>June 27-30</strong></td>
<td>Hollis/Brookline</td>
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<td>Additive</td>
<td>Monday-Thursday, <strong>July 11-14</strong></td>
<td>Timberlane</td>
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<td>Proportional</td>
<td>Monday-Thursday <strong>July 25-28</strong></td>
<td>Derry</td>
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<tr>
<td>Additive</td>
<td>Monday-Thursday <strong>August 1-4</strong></td>
<td>Rochester</td>
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<tr>
<td>Multiplicative</td>
<td>Monday-Thursday <strong>August 1-4</strong></td>
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<td>Proportional</td>
<td>Monday-Thursday <strong>August 1-4</strong></td>
<td>Conval</td>
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<tr>
<td>Fractions</td>
<td>Monday-Thursday <strong>August 8-11</strong></td>
<td>Henniker/Weare</td>
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<tr>
<td>Additive</td>
<td>Monday-Thursday <strong>August 15-18</strong></td>
<td>Fall Mountain</td>
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<tr>
<td>Fractions</td>
<td>Monday-Thursday <strong>August 15-18</strong></td>
<td>Conway</td>
<td>TBD</td>
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This program is available to NH teachers at no cost. Non-NH Teachers are not eligible for this opportunity.