



a New Classrooms® solution

Operating Requirements

New Classrooms is committed to ensuring that our *Teach to One: Math* model is a good fit within a particular school community. In addition to qualitative factors, such as strength of school leadership and teacher capacity at a school, the *Teach to One: Math* model also requires a specific set of operating requirements.

New Classrooms partners with schools to determine the best way to implement each requirement. Our goal is to identify solutions that both meet a school’s particular needs and also ensure fidelity to the model. The table below summarizes the operating requirements and ways in which New Classrooms can support a school's implementation of *Teach to One: Math*.

<p>Student Enrollment</p>	<p>Requirements</p> <p>Single grade cohorts: One enrolled grade is scheduled for math at the same time. The minimum target for a single grade cohort is 61 students. The maximum is 180.</p> <p>Mixed grade cohorts: Two consecutive grades are scheduled for math at the same time. The minimum for mixed grades is 40 students per grade for a total cohort of 80 students.</p>	<p>Implementation Considerations</p> <p>New Classrooms partners with schools to determine an optimal student cohort structure by:</p> <ul style="list-style-type: none"> • Reviewing current and projected student enrollment data • Reviewing current staff rosters • Suggesting or recommending alternations to the school’s master schedule
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<p>Educator Staffing</p>	<p>Requirements</p> <p>Single grade implementation: At least three core math teachers for 61-75 students.</p> <p>Mixed grade implementation: Six adults (four math teachers, two team educators) for 101-120 students.</p> <p>Additional staff will be needed as student enrollment increases.</p>	<p>Customization Options</p> <p>Our goal is to leverage existing certified staff allocations and other instructional personnel to support <i>Teach to One: Math</i>. If certified staff are unavailable, supporting personnel may be chosen from amongst:</p> <ul style="list-style-type: none"> • Non-math subject teachers • Student teachers • Paraprofessionals
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<p>Scheduling</p>	<p>Requirements</p> <ul style="list-style-type: none"> • Students must be scheduled for a minimum of 360 minutes of math per week, in daily 90 minute double blocks. • Teachers need to be scheduled for one period (~45 minutes) of common planning time as a team each day. 	<p>Customization Options</p> <p>New Classrooms’ experienced staff can provide master scheduling support to schools. Throughout the year, New Classrooms staff will work with the Math Director in order to plan programming around school field trips & events, maximizing the time spent in the Math Center.</p>
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School Space

Requirements

Teach to One: Math ideally operates in a large, open learning environment in order to support cohorts of more than 61 students studying math concurrently.

- Large, open space equivalent to 2,500-4,000 square feet (depends on layout of potential space.)
- Requires complete redesign of the learning environment — including updated furniture, and technology — to accommodate multiple learning stations.

Customization Options

New Classrooms will conduct space walk-throughs with school leadership to identify potential spaces to support *Teach to One: Math*. If open space or construction is not possible, we can operate “walls-up” in traditional classroom spaces.

Schools will have the opportunity to name their locations to reflect local landmarks, famous figures, or show their creativity.

Technology Infrastructure

Requirements

Teach to One: Math requires students and teachers have reliable access to a wireless connection and a network infrastructure that can handle large numbers of students online at the same time. In addition, all students need to be assigned a laptop for their math block. Tech requirements include:

- 1:1 student laptops (Chromebooks recommended)
- High volume printer/copier
- Wireless access with roaming capabilities
- Strong connectivity and bandwidth
- Interactive whiteboards
- Big Board monitors
- Tablets for teachers (e.g., iPads)

A comprehensive technical specifications list will be shared with school/district technology personnel.

Customization Options

New Classrooms has a dedicated field technology team that can provide hardware and infrastructure consultation to districts and schools, including:

- Current tech inventory assessment
- Hardware and network upgrade recommendations
- Support on guiding hardware procurement decisions

Manipulatives

Requirements

New Classrooms will supply a list of high-use math manipulatives that are required for various student lessons.