



SB420 Extraordinary Needs Proposal



Overview

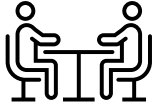
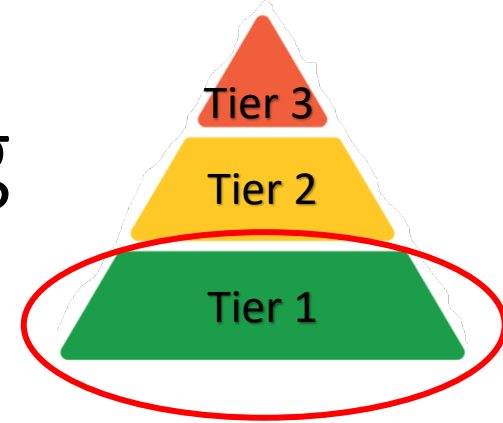
Intent of Funds

- The primary goal of this grant is to improve student achievement and growth and to help the school district to have funding for successful, best practice student learning approaches.

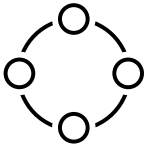
Two-Pronged Proposal

- Time-limited, targeted instructional coaching
 - Math tutoring
- 
- Three yellow curved lines of varying lengths and orientations are positioned in the bottom right corner of the slide, pointing towards the bottom right.

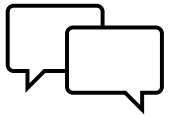
Research Summary: Instructional Coaching



- An effective mentoring relationship is founded on a coaching cycle of observation, feedback, and action steps.



- This feedback cycle is crucial for the new teacher to reflect on and improve teaching practices.

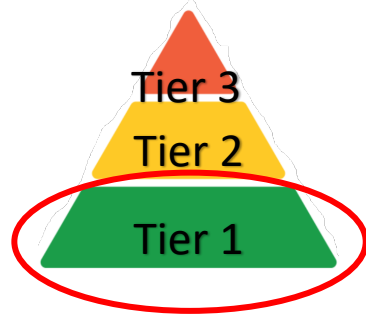


- Therefore, the mentoring relationship should include not only methods for casual feedback, such as spontaneous conversations and check-ins, but also include:



- intentional and methodical channels for feedback
- Feedback needs to align specifically to the district's standards and expectations for effective teachers.

Instructional Coaching Program



Current Practices

- Dover School District provides mentoring for new staff through our induction program, using existing teaching staff as induction coordinators and mentors, primarily after school.

Early Career Teachers

- Dover Middle School has 7 teachers with 0-3 years of experience in the classroom.

Proposal

- We propose a targeted, time-limited program of job-embedded instructional coaching based on building classroom community, developing procedures, and best instructional practice for 6 teachers.

Students Served

- One Dover Middle School teacher serves at least 50 students, often more. This proposal reaches a small number of educators but will reach many students.
- Approximately 500 – 550 students could be served

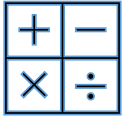
Inclusion Criteria

- Will be based on student data, such as NH SAS scores, office discipline referrals, teacher buy in, and administrator recommendations.

Success Criteria

- Measured using a combination of student assessment scores, office discipline referrals, and observational data collected by administrators addressing program goals, not individuals

Research Brief on Tutoring Programs



Math tutoring yield higher effects on achievement in later grades



Tutoring is one of the best interventions for improving student achievement of students from families with low socioeconomic status



Who – Educators and paraprofessionals can deliver tutoring programs



When - Providing tutoring during school is twice as effective when compared to after school programs



Frequency - Tutoring needs to be provided more than 1x per week

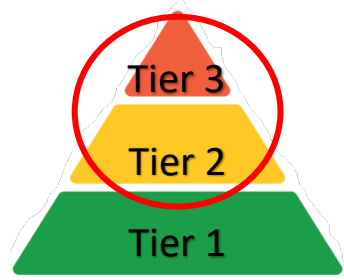


Group size – Tutors can effectively instruct up to 3 to 4 students at a time



Data Driven – Using formative assessments and general outcome measures allows tutors to tailor their instruction

Math Tutoring Pilot



Eligibility

- Students not receiving a general education or special education intervention
- Star Math Scores: Prioritize student scores ≤ 10 PR, followed by student scores between 10 to 24 PR

Interventions

- Bridges Intervention Program: Grades 5 & 6
- Number Worlds: Grades 7 & 8

Staffing

- 2 paraeducators (To Be Hired)
- Coaching & training provided by MTSS & Co-CIA staff

Group Size

- 3 – 4 students per intervention group
- Approximately 60 students will get tutoring support

Schedule of Tutoring

- 2-Days Per Week Cohort: 30-minute sessions
- 3-Day Per Week Cohort: 30-minute sessions
- Will compare the effectiveness of each intervention schedule

Start & End Dates

- Start: March 20
- End: June 16
- Total: 12 weeks of intervention

Pre- & Post Assessment

- Star Math Assessment

Baseline & Progress Monitoring

- Intervention Placement Assessments
- Bridges Intervention & Number Worlds Formative Assessments (Unit Tests)
- AimswebPlus Number Comparison Fluency – Triads & Mental Computational Fluency

Estimated Costs

Resource	Estimated Cost
2 Math Tutors (Paraeducator)	\$40,000.00
Math Intervention Materials	\$10,000.00
Tutor Training	\$500.00
Contracted Instructional Coach & Supporting Resources for in perpetuity	\$100,000.00
Anticipated Total Cost	\$155,000.00