

Summer Learning Programs

A Presentation to the Sudbury School Committee
September 23, 2024

SMILE
EXPLORE
Extended School Year



Summer Math
Intervention &
Literacy Engagement



Extended School Year

Program Objectives



Summer Math
Intervention &
Literacy
Engagement



Extended
School Year

The SMILE program is designed to provide additional structured learning opportunities for students demonstrating the need for supplemental instruction in the areas of mathematics and/or literacy.

The Ready for Kindergarten program is designed to provide a structured school experience for students entering kindergarten in the upcoming school year. Priority is given to students with limited or no preschool experience.

The EXPLORE program is designed to provide engaging and enriching learning experiences for students with a specific focus on social emotional skill development and learning by doing.

Extended School Year (ESY)

ESY is mandated special education programming, following Individualized Education Plans (IEP).

Integration with SMILE Programming :

- Allows for integrated opportunities in a least restrictive setting
- Allows for generalization of skills
- Mimics a regular school model
- Promotes socializing with grade level peers
- Promotes student engagement with Explore opportunities
- Allows for social, academic and emotional skill development within a general education setting
- Provides an opportunity for IEP progress reports to be based on performance and presentation within this general education setting and not in isolation



Summer Math
Intervention &
Literacy
Engagement



Extended
School Year

Changes for Summer 2024



Summer Math
Intervention &
Literacy
Engagement



Extended
School Year

- Prioritized inclusion across all settings
- Relocated Middle School programming to the same building, increasing access to resources and school community
- Expanded EXPLORE to include full time Science, Musical Theatre, and Social Emotional blocks
- Modified progress reports for more streamlined skill reflection
- Expansion of Ready for Kindergarten program, enrolling an additional 2 sections of participants
- Expanded staff training based on Summer 2023 reflections
- Inclusion of community partners for Community Celebration
- Made progress monitoring more efficient
- Expanded volunteer opportunities, welcoming students from CCHS - Program
- Shifted communication model to include more updates from classroom teachers



Summer Math
Intervention &
Literacy
Engagement



Extended
School
Year



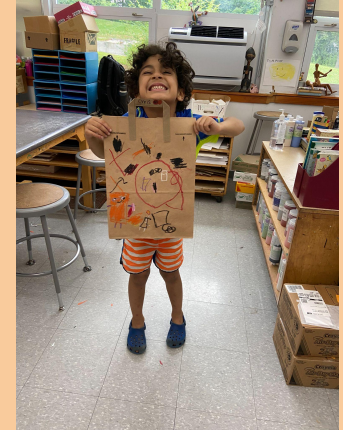


Summer Math
Intervention &
Literacy
Engagement



Extended
School
Year

EXPLORE EXPERIENCES!



July 8th- August 2nd

Ready for Kindergarten - Grade 5



Summer Math
Intervention &
Literacy Engagement

Extended School Year



8:30-11:30

11:30-12:00

12:00-3:00

Academics

EXPLORE - 2 Day Rotation

SMILE (w/ inclusion) ELA
& Math - PK-3rd

SMILE (w/ inclusion) ELA
- 4th & 5th

ESY Programs (pre K-7)

PE

Art

Science

Musical Theatre

SEL

LUNCH

Contracted
through
Wayland Food
Services

Academics

SMILE (w/ inclusion)
ELA & Math - PK-3rd

SMILE (w/ inclusion)
Math - 4th & 5th

ESY Programs (K-7)

PE

Art

Science

Musical Theatre

SEL

EXPLORE - 2 Day Rotation

SMILE Program Enrollment - 246 Total Participants

Including ESY Inclusion

Grade 5

6.9%

Grade 4

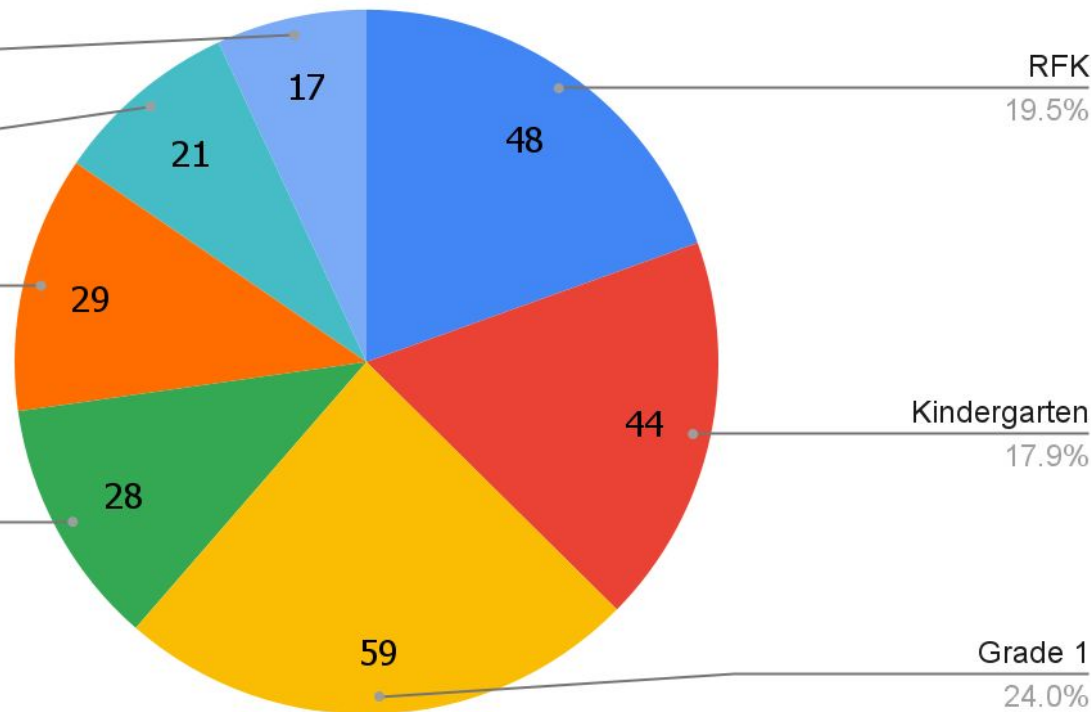
8.5%

Grade 3

11.8%

Grade 2

11.4%



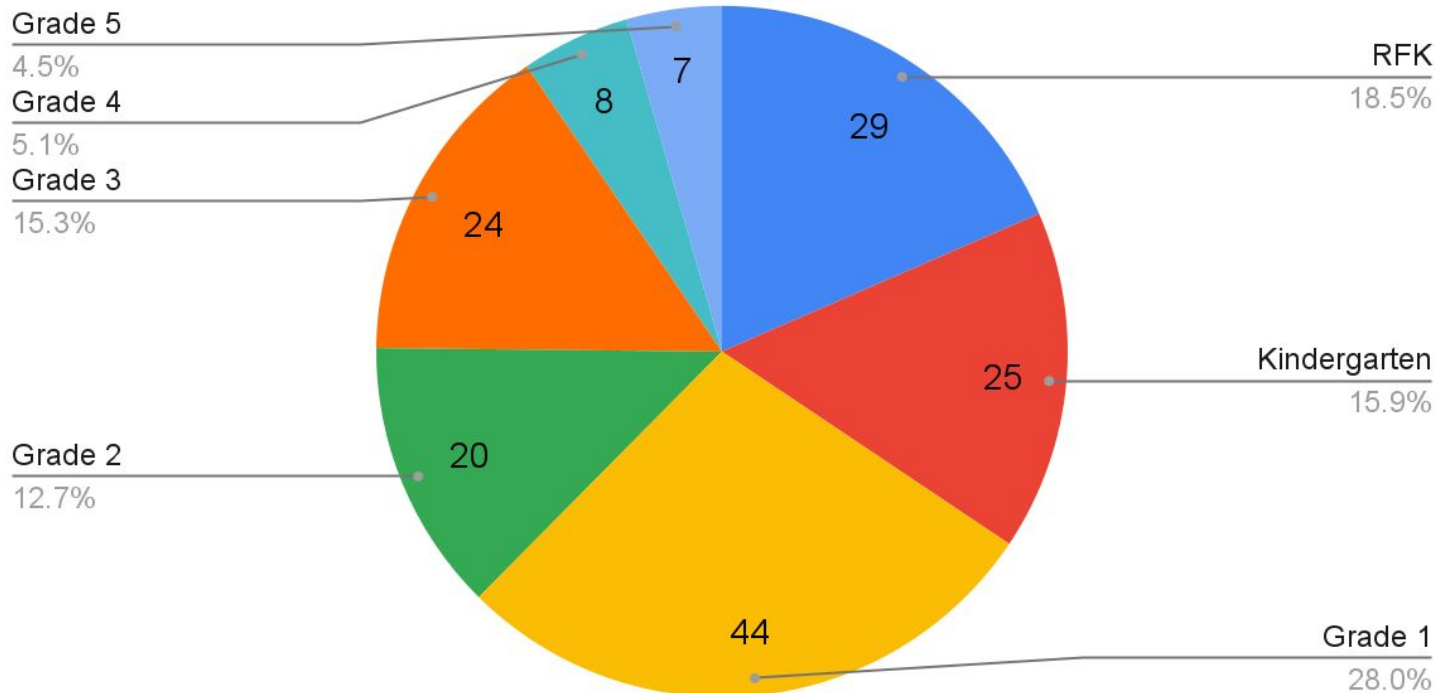
Summer Math
Intervention &
Literacy
Engagement



Extended
School
Year

EXPLORE Program Enrollment - 157 Participants

Including ESY Inclusion



Summer Math
Intervention &
Literacy
Engagement

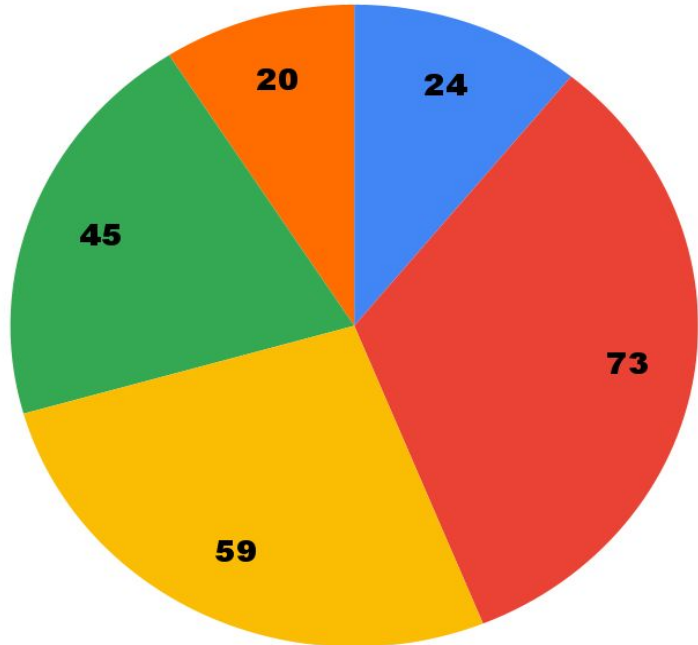


Extended
School
Year

ESY Enrollment

Elementary ESY Program and Tutoring Enrollment (89)
Pre-K-7 (158)

ESY



- Students that declined ESY for SMILE
- Elementary Program enrollement
- Related services
- Tutoring
- Middle Schoool Program enrollment



Summer Math
Intervention &
Literacy
Engagement



Extended
School
Year

Staffing Sustainability

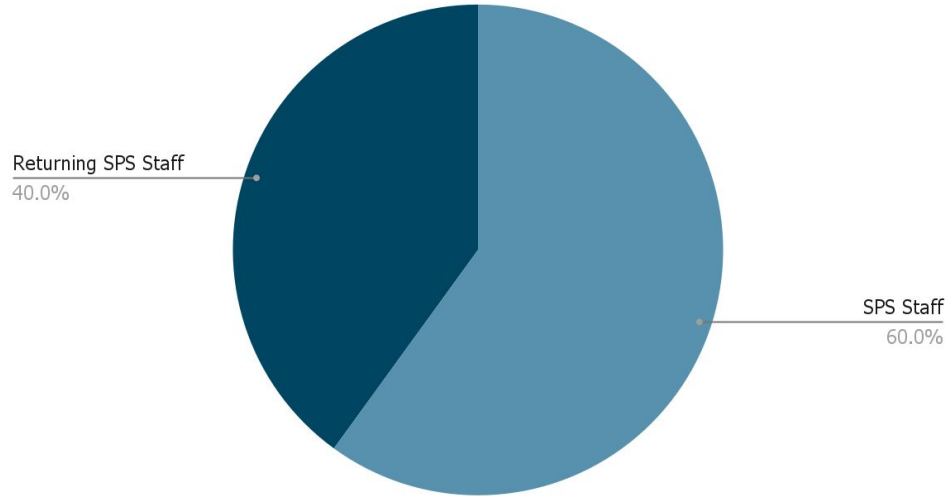


Summer Math
Intervention &
Literacy
Engagement

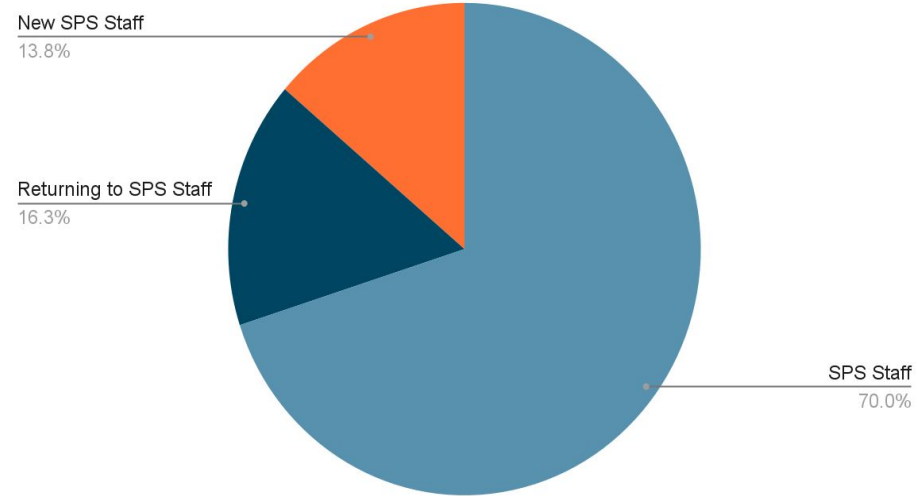


Extended
School
Year

SMILE & EXPLORE Hired Staff

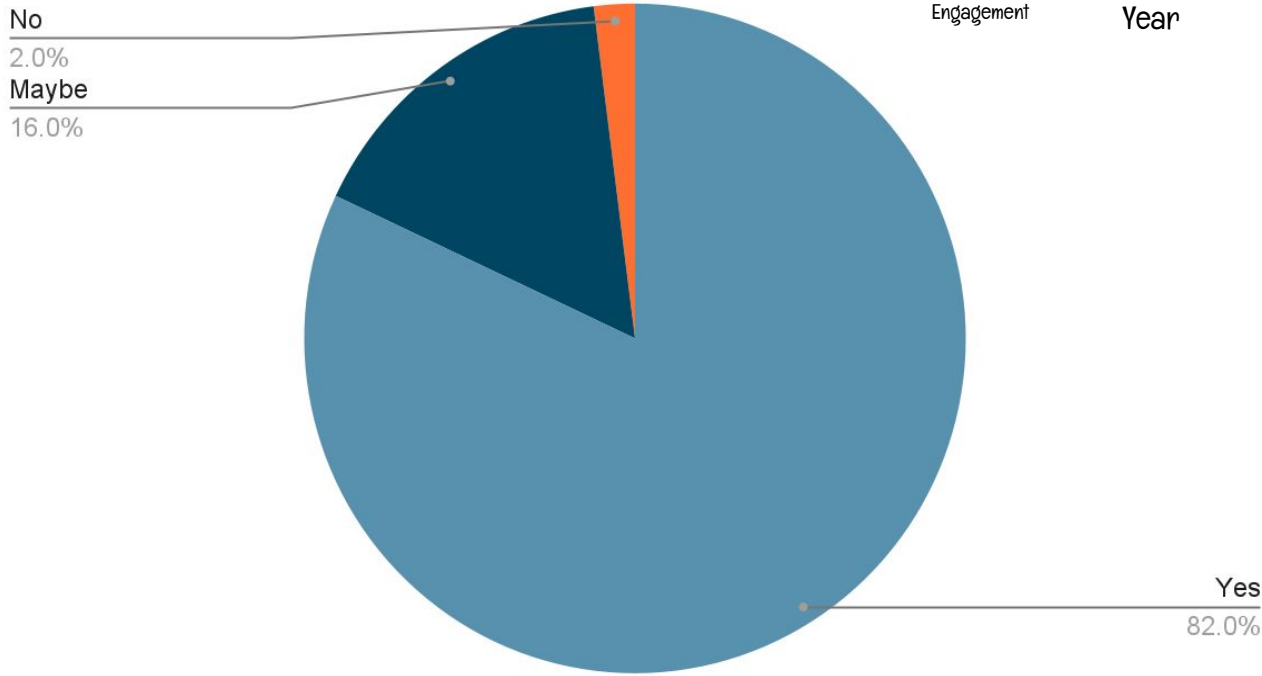


ESY Hired Staff



Staffing Sustainability

Do you plan to return for Summer 2025?



Summer Math
Intervention &
Literacy
Engagement

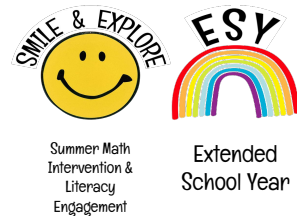


Extended
School
Year

Who's On the Team

- Administrators
- Administrative Assistant
- Nurses
- Math & Literacy Coaches
- Classroom Teachers
- Special Educators
- ELD Teacher
- METCO Coordinator
- BCBA, OT, SLP, PT
- Guidance Counselor
- Teaching Assistants
- ABA Tutors
- EXPLORE Counselors
- High School Volunteers

Impacts on Student Learning- ELA



In grades K-3, the foundational learning goal is to increase reading fluency for accuracy and rate.

Kindergarten (Current G1): Students are assessed on single word reading for 60 seconds. Students...

- improved their identification of letter sounds within words (CLS) by an average of 8 letters per minute
- improved their ability to read whole words (WRC) by an average of 3 words per minute
- entered grade 1 meeting benchmark expectations

Grade 1 (Current G2): Students are assessed on single word reading for 60 seconds. Students...

- improved their identification of letter sounds within words (CLS) by an average of 2 letters per minute
- improved their ability to read whole words (WRC) by an average of 1 word per minute
- entered grade 2 meeting benchmark expectations

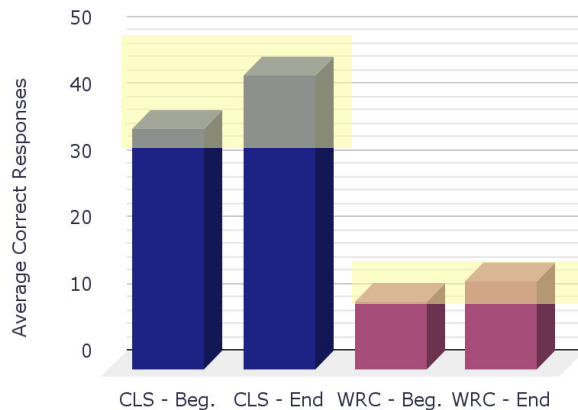
Grade 2 (Current G3): Students are assessed for fluency by reading a whole passage for 60 seconds. Students...

- increased their oral reading fluency (ORF) by an average of 16 words per minute
- entered grade 3 meeting benchmark expectations

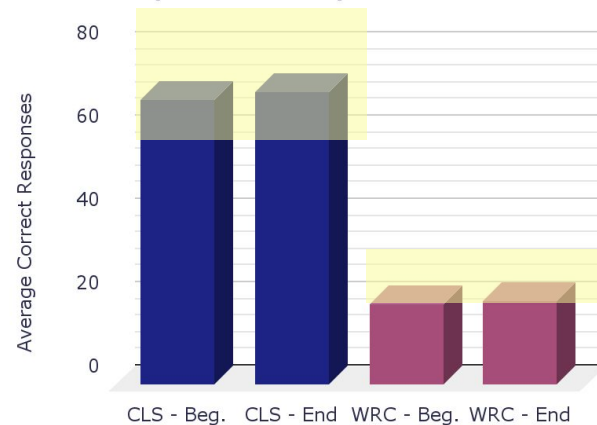
Grade 3 (Current G4): Students are assessed for fluency by reading a whole passage for 60 seconds. Students...

- increased their oral reading fluency (ORF) by an average of 7 words per minute
- entered grade 4 meeting benchmark expectations

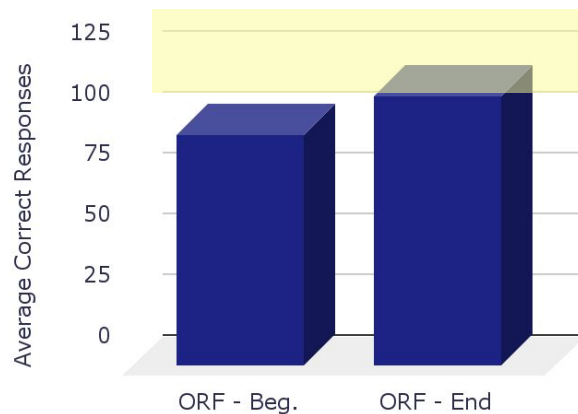
Kindergarten (Current G1)



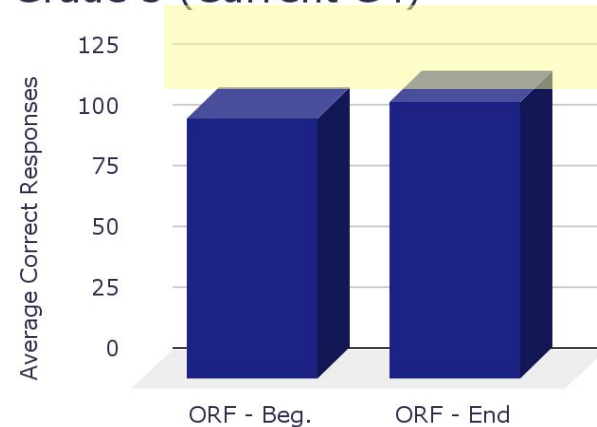
Grade 1 (Current G2)



Grade 2 (Current G3)



Grade 3 (Current G4)



Yellow zones represent end-of-year benchmark expectation for exit grade.

Impacts on Student Learning- ELA

In grades 4 & 5, students are assessed for fluency by reading a whole passage for 60 seconds. They are also assessed on encoding (spelling) skills for certain syllable types. Each assessment uses different words with the same syllable types.

Grade 4 (Current G5): Students...

- decreased their oral reading fluency (ORF) by an average of 23 words per minute (It should be noted that grade 4 had the greatest increase in grade-level equivalency from 4.0-5.0 GLE)
- increased accuracy with encoding by 8%
- entered grade 5 meeting benchmark expectations

Grade 5 (Current G6): Students...

- increased their oral reading fluency (ORF) by an average of 10 words per minute
- increased accuracy with encoding by 8%
- entered grade 6 approaching benchmark expectations

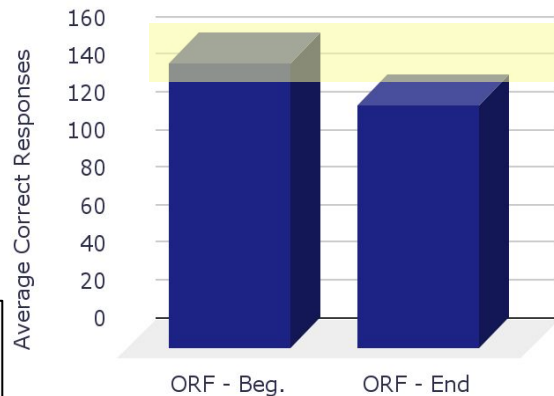


Summer Math
Intervention &
Literacy
Engagement



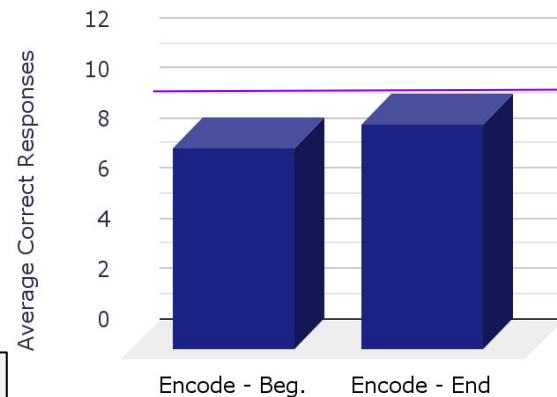
Extended
School
Year

Grade 4 (Current G5)



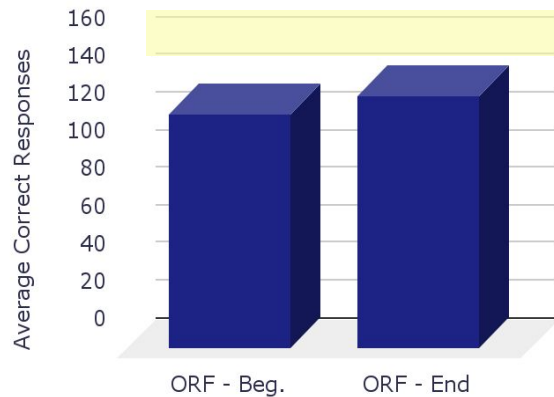
Yellow zone represents end-of-year benchmark expectation for exit grade.

Grade 4 (Current G5)

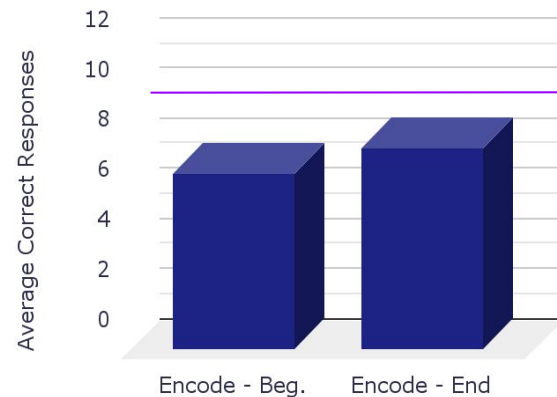


Purple line represents 75% accuracy

Grade 5 (Current G6)



Grade 5 (Current G6)



Student Learning Goals - Math

SMILE Kindergarteners/current first graders:

- Know number names and the count sequence/Structuring five
- Count to tell the number of objects and compare numbers/Structuring ten
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from
- Story problems within 5

SMILE First graders/current second graders:

- Adding and subtracting within 20
- Understand place value
- Extending counting sequence to 120
- Story problem within 20

SMILE Second graders/current third graders :

- Basic addition and subtraction facts and add to/take from story problems within 20
- Modeling two-and three-digit 2 numbers and representing them in standard and expanded form
- Think ten strategy and put together/take apart story problems within 20
- Adding two-digit numbers using splitting strategy/number line

SMILE Third graders/current fourth graders:

- Place value understanding for addition and subtraction of multi-digit numbers
- Story problems focusing on addition and subtraction
- Multiplication and division strategies and story problems
- Unit fractions and understanding numerators and denominators

SMILE Fourth graders/current fifth graders:

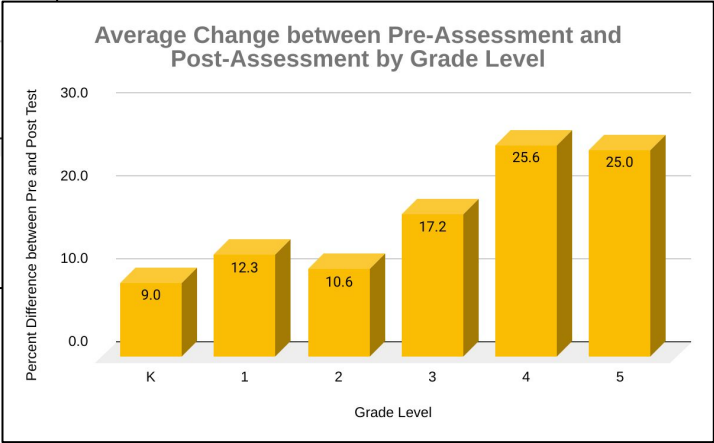
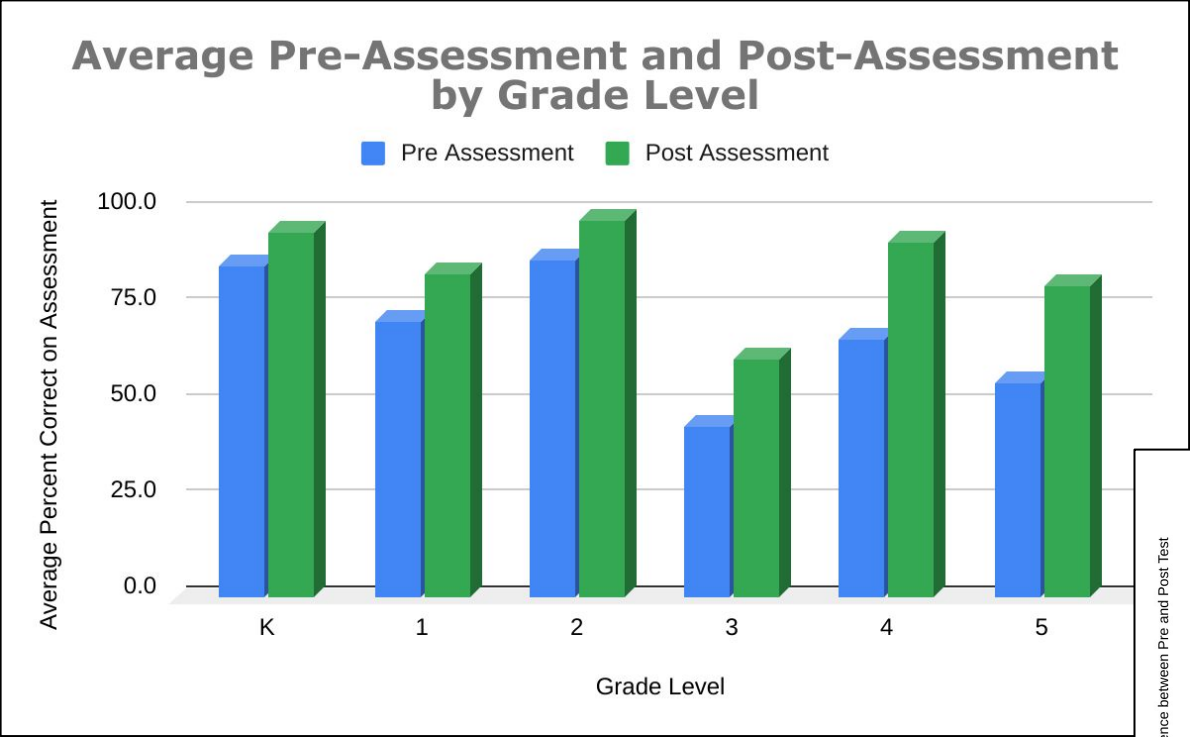
- Place value understanding for addition and subtraction of multi-digit numbers
- Solving one-digit by two-digit multiplication
- Building unit fractions and comparing and ordering fractions
- Finding equivalent fractions and adding fractions with like denominators

SMILE Fifth graders/current sixth graders:

- Multi-digit multiplication and division using place value strategies
- Comparing fractions with unlike denominators and creating equivalent fractions
- Adding and subtracting fractions and mixed numbers with unlike denominators
- Solving story problems involving fractions and mixed numbers with unlike denominators



Impacts on Student Learning - Math



EXPLORE PROGRAM: Impacts on SEL

Pre-Program Work

- Targeted conversations about student needs in ESY and SMILE
- Collaboration with Betsy Grams, Wellness Coordinator
- Addition of Harmony Curriculum components
- Trainings with Teachers, Activity Leaders, and Counselors
- Curriculum development with SEL focuses
- SEL experiences during snack block
- SERF Grant Proposal for Enrichment Experiences

Program Successes

- Smaller groupings to facilitate peer interactions
- Connection to others in Sudbury
- Positive relationships fostered with peers and adults
- Community building at the Welcome Tent each day

Student Outcomes

- Positive school climate
- Improved social and emotional competencies
- Better relationships
- Increased connection to school
- Improved academic achievement as referenced by data
- Increased positive interactions



Staff Survey Results

The best part of the summer was...

“The teamwork and cooperation with teachers. I truly felt like part of a unit with them.”

“I loved watching our little "pop-up" school develop into a real community. It was great to see students form friendships with students from all elementary schools.”

“A lot of support by administration staff as well as Alex Duca (BCBA) and Allison Risser (Mental Health). There was also a lot of good and thorough communication.”

“Being with students of all ages! It was awesome to be here with everyone this summer instead of by ourselves at the Middle School.”

The program would be better if...

“Transition time was shorter so groups did not arrive early for activities.”

“Consider fewer weekly (ELA) assessments. Two Foundations assessments that encompasses the skills reviewed during the 4 weeks. One as benchmark the other as post-assessment.”

“air conditioning in the gym and cafeteria”

“We had a half-day experience for our 5th graders. If students attended ELA and Math sessions, it was a long day of academics”

Curriculum and training highlights...

“Math materials were very organized and easy to follow.”

“Having Mrs. Grigsby (Math Coach) available to co-teach lessons with kindergarten students (Counting Collections) was awesome!”

“The Geodes books were an amazing teaching tool!”

“The kids seemed very excited about EXPLORE and often shared all the wonderful learning and activities.”

“Each year we are getting better and better.”

Family Survey Results

The best part of the summer was...

“The teachers and staff as well as how organized it all was.”

“I had confidence that he was in a safe and fun environment to learn and grow (as opposed to summer camps which are really tricky in their lack of support).”

“Community Day!”

“Continuation of learning and strengthening skills for the school year in a peer environment.”

“I'm so happy that they practiced so much reading and writing and math! They are going to be fully confident going into first grade!!”

The program would be better if...

“It was offered for more than 4 weeks.”

“We had a summer online Epic access at home.”

“The bus was positive more of the time.

Schedules for services (OT, PT, Speech) were shared once scheduled.

Additional data points...

89% felt the registration process was efficient and accessible.

84% felt communication about the program was timely, pertinent and helpful.

95% were satisfied with their child's overall experience.

When asked if they would participate in SMILE if recommended in the future, 81% said yes and 19% said maybe.

When asked if they would participate in EXPLORE next summer, 65% said yes and 24% said maybe.

SMILE, EXPLORE, ESY Recommendations for 2025

- Streamline the collection of student data to prepare for summer transition
- Review cost structure for EXPLORE Program and busing
- Continue to refine guidelines for SMILE Program recommendation process
- Review ELA assessment measures and timelines to increase efficiency
- Review salary schedule
- Maintain the programs in one building, if possible



Summer Math
Intervention &
Literacy
Engagement



Extended
School
Year



Community Day

DPW, Food Pantry, Fire Department, Police Department, & Goodnow Library



Thank you



Teachers
Staff
Families

School Committee

Wayland Food Services

First Student Transportation

CASE Transportation



Summer Math
Intervention &
Literacy Engagement



Extended
School Year