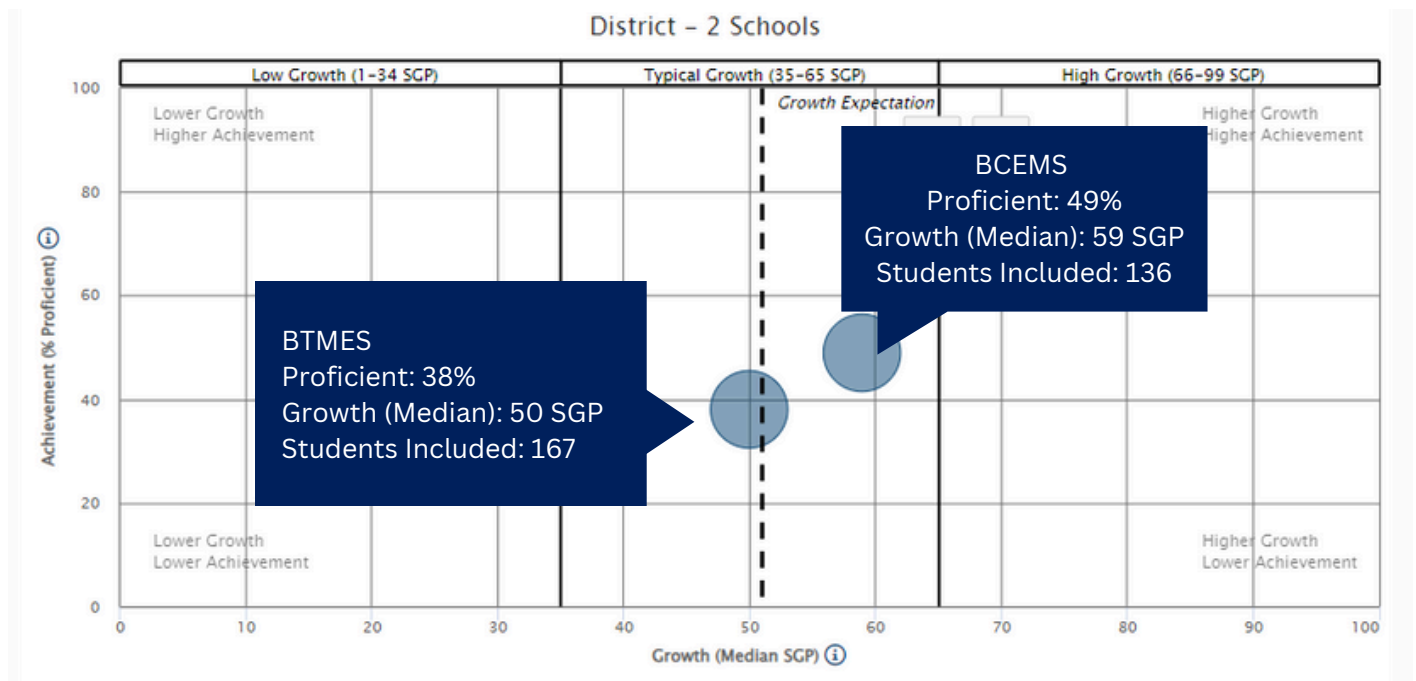


Addendum
Curriculum Committee Meeting
June 05, 2024

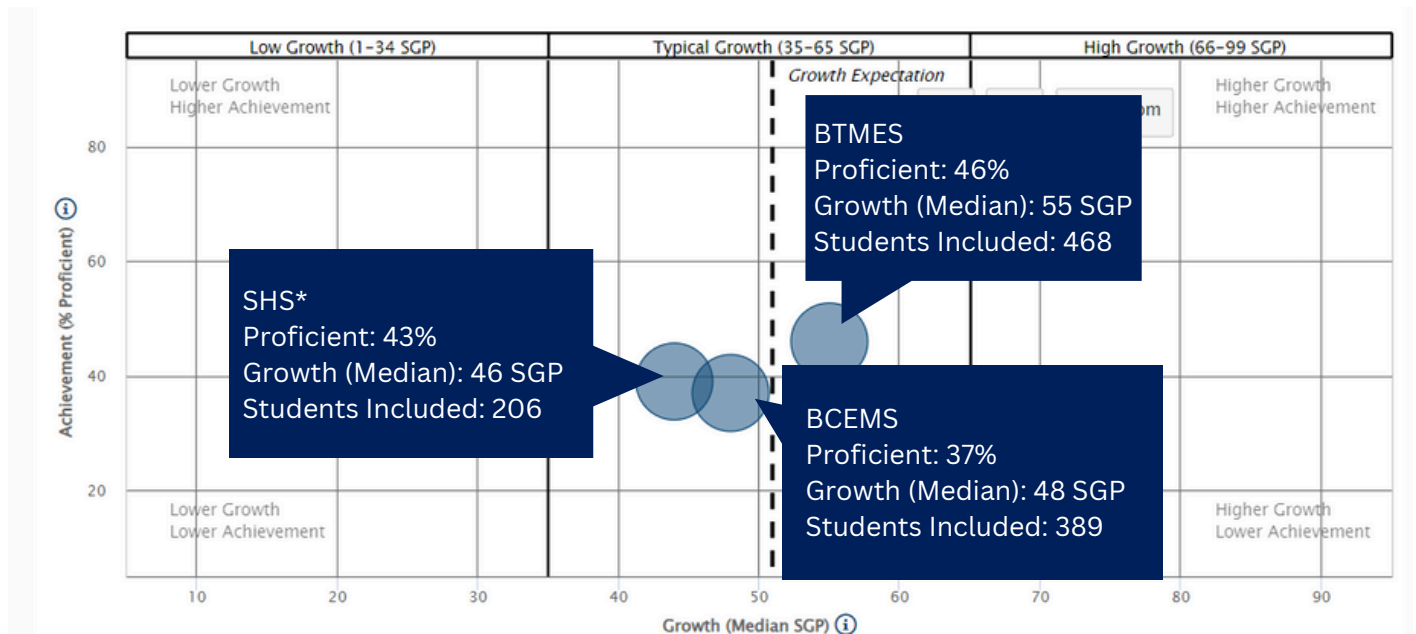
STAR Growth Summaries (May 2024)

5.4

Early Literacy (1st-2nd Grade)

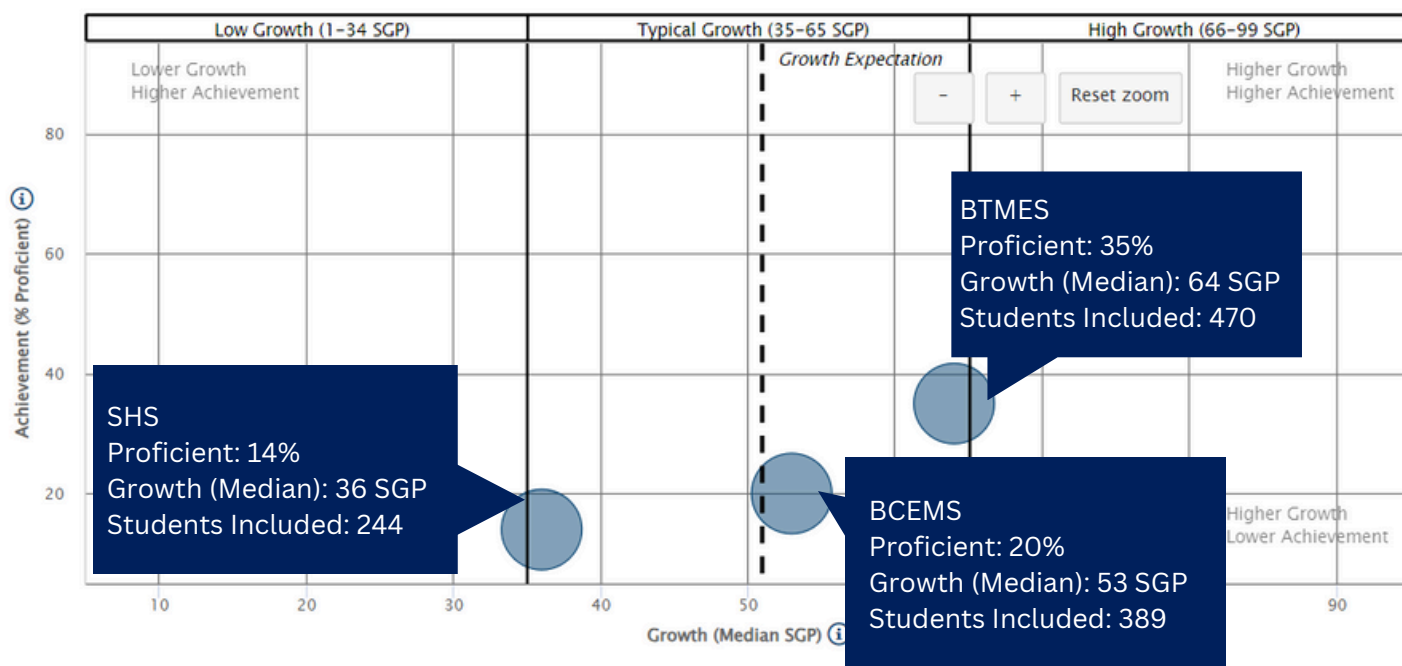


Reading (3rd-10th Grade)



*The assessment window is still open for the high school.

Math (3rd-10th Grade)



*The assessment window is still open for the high school.

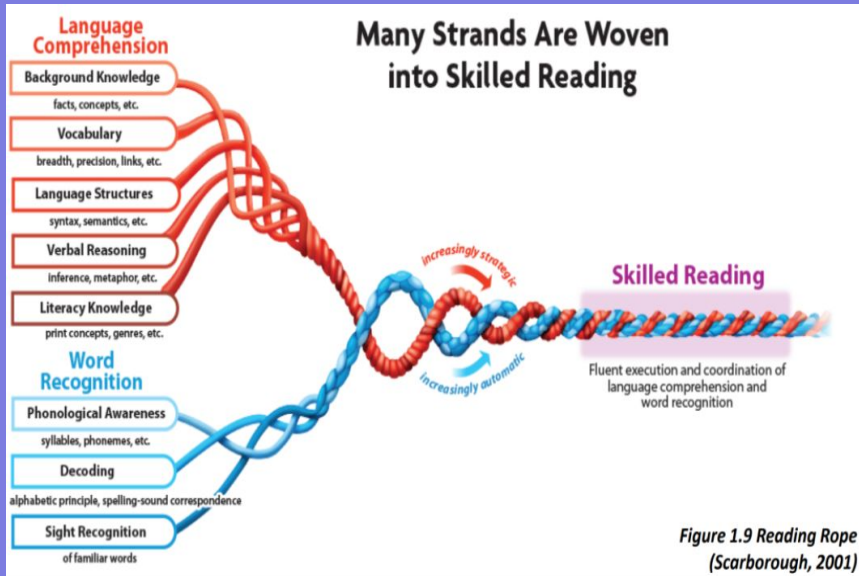
General Recommendations:

1. Value training and program related funding in the general budget (grants can only supplement).
2. Increase the validity of the assessments by creating more secure testing environments.
3. Routinize celebrating growth through this measure.
4. Value dedicated time for staff to use data and make instructional decisions.

CURRICULUM COMMITTEE

End-of-Year 23-24 Update

WHAT ARE THE LITERACY PROGRAMS?



PROGRAMS WE HAVE IMPLEMENTED IN LITERACY:

- WORD RECOGNITION:
 - HEGGERTY - PHONEMIC AWARENESS
 - FOUNDATIONS - PHONICS (DECODING & ENCODING), SIGHT WORDS, FLUENCY
- LANGUAGE COMPREHENSION:
 - AMPLIFY - KNOWLEDGE BUILDING, VOCABULARY, COMPREHENSION, WRITING
 - GEODES - KNOWLEDGE BUILDING, COMPREHENSION
- FRAMING YOUR THOUGHTS
 - WRITING - FOUNDATIONAL SKILLS
- ALTERNATE STRUCTURED LITERACY PROGRAM PATHWAY

ARE TEACHERS PLEASED WITH THE PROGRAM?

Literacy Feedback

	Warm	Cool
Fundations - K-2	<p>Students are really thinking about the rules for spelling and some of them get really mad at those rulebreakers!</p> <p>Fundations provides lots of practice words and sentences that not only practice the targeted skill but also review previously learned skills.</p>	<p>The program needs to be followed sequentially, the primary role of Fundations is to build decoding and encoding skills (not comprehension heavy).</p>
Geodes - K-2	<p>Geodes are a great resource to accompany what we are learning in Fundations. Fundations focuses more on spelling so the Geodes create a good balance for reading.</p>	<p>We don't have a dedicated comprehension program for K-2, but the Geodes give us the necessary platform for teachers to teach comprehension skills</p>

ARE TEACHERS PLEASED WITH THE PROGRAM?

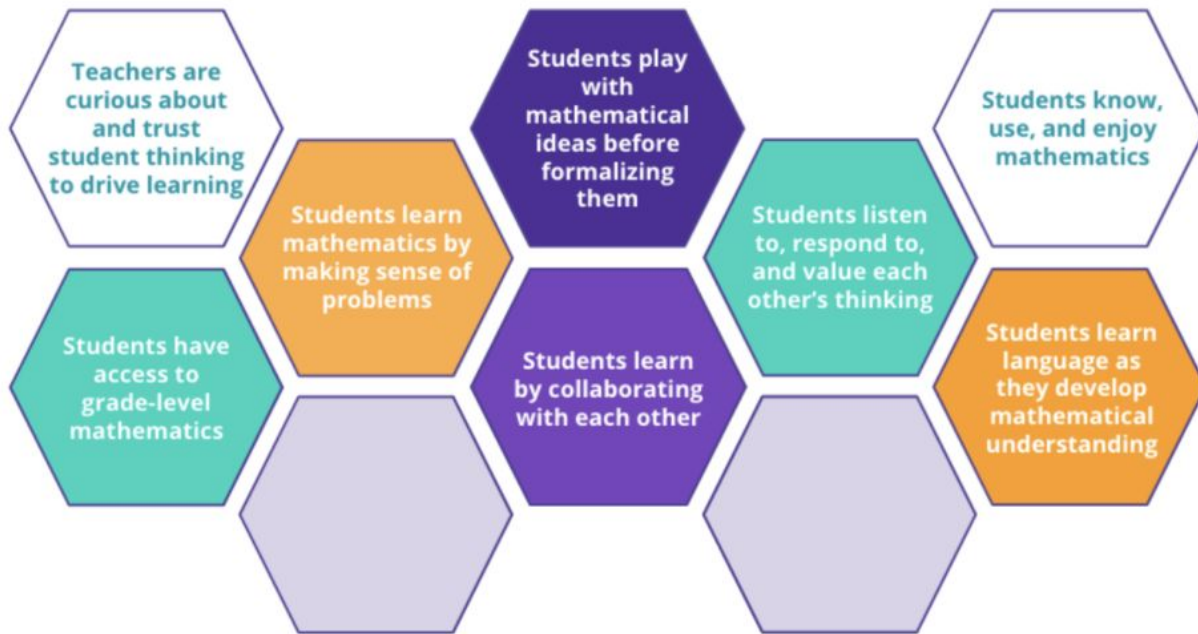
Literacy Feedback(continued)

	Warm	Cool
Framing Your Thoughts - K-8th Grade?	Gives teachers common language to use, can be integrated into different times of the day, students apply learned skills to expand sentences	Transitioning to traditional writing can take time, but the common language helps teachers to provide feedback
Amplify Survey 3rd-8th Grade	Anchor texts allows for all the things we do through Foundations and Framing Your Thoughts to be put into actual practice; having enough workbooks and small readers for everyone was beneficial. Questions to answer in complete sentence and pulling evidence was good; rigorous curriculum that is done in an interesting and engaging format with eyes to the skills and spaces students are at.	Spelling and conventions will need to be taught in conjunction; mostly shorter texts or excerpts from novels (possibly impacting reading stamina); the program takes time to get use to from a teacher perspective

WHAT IS THE K-8 MATH PROGRAM?

Problem-Based Teaching and Learning

Math: Illustrative Mathematics K-5, is a problem-based, rigorous curriculum that makes elementary school mathematics accessible, impactful, and memorable for all students.



ARE TEACHERS PLEASED WITH THE PROGRAM

Elementary Feedback:

First Grade: *"The games and activities are fun for my students and reinforce what is being taught. The slides are helpful for planning and giving visuals during lessons."*

2nd Grade: *"I like this more than I did last year. It is a program that is much more student discovery-based and much less teacher-guided than I am used to and this was hard for me to adjust to but I am getting there!"*

"Any program can work depending on how you teach it. Illustrative is great, but teachers teach students."

Third/Fourth Grade: *"I find that it scaffolds new skills well. I also like that it provides low floor/high ceiling tasks, and offers inquiry based activities."*

Interventionists: *"If teachers are teaching to the scope and sequence of the program and are getting through the curriculum, kids are very well prepared for mathematics."*

Middle School Feedback:

6th Grade

Eighth Grade: *"I like that it starts at the basics and builds up to the bigger concepts."*

ARE WE SEEING
PROGRESS WITH THESE
PROGRAMS?

ARE WE SEEING PROGRESS?

Literacy DATA (top photo linked to PDF)

Barre City Elementary and Middle School 7th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade		14	19%	24	32%	11	15%	26	35%	75
2022 - 2023	6th Grade		19	28%	14	21%	10	15%	24	36%	67
2021 - 2022	5th Grade		19	38%	9	18%	7	14%	15	30%	50
2020 - 2021	4th Grade		10	22%	8	17%	9	20%	19	41%	46
2019 - 2020	3rd Grade		6	14%	6	14%	7	17%	23	55%	42

Barre Town Elementary School 7th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade		14	18%	16	20%	15	19%	34	43%	79
2022 - 2023	6th Grade		22	30%	22	30%	10	14%	20	27%	74
2021 - 2022	5th Grade		20	28%	11	15%	11	15%	29	41%	71
2020 - 2021	4th Grade		15	23%	11	17%	10	15%	29	45%	65
2019 - 2020	3rd Grade		14	22%	9	14%	11	17%	30	47%	64

ARE WE SEEING PROGRESS?

Math DATA (top photo linked to PDF)

Barre City Elementary and Middle School 7th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 24 PR		25 - 39 PR		At /Above 40 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade	<div><div></div><div></div><div></div><div></div></div>	21	28%	11	15%	10	13%	33	44%	75
2022 - 2023	6th Grade	<div><div></div><div></div><div></div><div></div></div>	19	28%	17	25%	13	19%	19	28%	68
2021 - 2022	5th Grade	<div><div></div><div></div><div></div><div></div></div>	16	31%	11	21%	9	17%	16	31%	52
2020 - 2021	4th Grade	<div><div></div><div></div><div></div><div></div></div>	10	22%	9	20%	2	4%	24	53%	45

Barre Town Elementary School 7th Grade

[illegible]

SUGGESTIONS FOR THE
FUTURE...

K-8 READING AND MATH CURRICULUM NEEDS: SUGGESTIONS FOR THE FUTURE

- General budget funds for curriculum materials and professional development
 - Approximate annual materials costs to include in the general budget for K-8 literacy: \$40,000; \$30,000 for S.204
 - Approximate annual materials costs to include in the general budget for K-8 math: \$50,000
- Value coaching/mentor support for teachers to implement tier 1 and tier 2
- General budget funds for interventionists to support tier 2 tier 3
- PD Time to plan for lessons that need to be consolidated because of time constraints.
- PD time specifically around tier 1 instruction, universal design for learning, differentiation, menu, classroom intervention.

Christine DiCicco
Grade 2 Teacher
Barre Town

Fundations: Fundations has been great for my students. They are really thinking about the rules for spelling and some of them get really mad at those rulebreakers! They love to point out when an e is doing more than one job. I like that Fundations provides lots of practice words and sentences that not only practice the targeted skill but also review previously learned skills. Not to toot my own horn, but my daily edit book really helps with this too and I recommend it to any teachers using Level 2 Fundations.

Geodes are a great resource to accompany what we are learning in Fundations. Fundations focuses more on spelling so the Geodes create a good balance for reading. While we don't have a program for teaching the other aspects of reading like vocabulary and comprehension, the Geodes provide a good decodable to use while working with those skills. I don't know if all the grades have it, but we have a TPT resource that goes with each book and it has been great for practicing asking questions about the story. It has questions from all 4 QAR types.

Framing your Thoughts I've always hated teaching writing because I didn't know where to begin. I like that this gives students the basics of what every sentence needs and teaches them how to expand on those simple sentences. We got as far as the predicate expanders and then switched to the traditional writing instruction of narrative, opinion, and informational. While using the expanders did not carry over to their writing as much as I thought it would, the common language of Framing your Thoughts helps me help students edit their writing. I ask them questions like "Does this sentence have a subject and action predicate?" for sentence fragments and when they write all their ideas in one long run on-sentence, I'm able to say something like "let's look for all the subjects and action predicates and see if we can make a few sentences out of all this great writing." I can also just draw the sentence frame on a child's back when they don't start with a capital or end with a stop sign. We've brought Framing your Thoughts into a morning meeting choice called silly sentences where I spin a noun spinner and verb spinner to create a barebones sentence. Then kids add to the sentence using each of the expanders. It's a class favorite and they don't realize they're practicing!

To: BUUSD curriculum committee

From: Prudence Krasofksi, BCEMS 5th/6th grade math educator

As a veteran 6th grade teacher with over 20 years of experience, I've created my own math materials and also have worked with a variety of official math curriculum. In recent years, I've implemented Illustrative Math for both 5th and 6th grades, and I must say, it has been a positive experience all around. Illustrative Math emphasizes a deep understanding of mathematical concepts through engaging, real-world problems that resonate with students. The curriculum focuses on problem-solving, reasoning, and communication.

One of the features of Illustrative Math is its commitment to equity. The curriculum is designed to be accessible to all students, regardless of their background or prior knowledge. It provides multiple entry points to each lesson, allowing every student to engage with the material meaningfully. This is critical in the middle school where students are at different levels. It also allows for advanced engagement with a section in each lesson called, "Are you ready for more?"

Both Barre Town and Barre City schools have adopted the Illustrative Math curriculum, creating a unified approach to math education across our community, which I think is critical. This consistency allows for seamless transitions for students who move between schools and fosters a collaborative environment among educators. Sharing resources and strategies across schools has been incredibly beneficial, leading to a stronger support network for both teachers and students. The common curriculum ensures that all students are receiving a high-quality math education, no matter which school they attend. I do wish we were able to collaborate more, but due to the middle schools now starting at different times, this isn't an option, but it used to be.

Illustrative Math is also an excellent curriculum for emerging teachers. Its comprehensive lesson plans and detailed teacher guides provide a solid framework for instruction, helping new teachers build confidence in their teaching abilities. The curriculum's focus on student engagement and understanding encourages new teachers to develop a deeper connection with their students and to foster a classroom environment that values inquiry and exploration. Additionally, the professional development resources and collaborative opportunities available within the Illustrative Math community offer valuable support and mentorship for those who are just starting their teaching careers. Even as a veteran teacher, I've attended the online webinars

throughout the year.

It's important to recognize that like any comprehensive educational program, Illustrative Math requires time to fully saturate and yield the best results. Patience is key; as students and teachers become more familiar with the curriculum's approach and materials, the depth of understanding and the quality of student engagement will continue to improve. Long-term commitment to Illustrative Math allows us to see its full impact on student achievement. Giving the curriculum the time it needs to take root will undoubtedly result in a more profound and lasting positive effect on our students' mathematical journeys.

Overall, Illustrative Math equips new teachers with the tools they need to be successful and effective educators. I also appreciate the rich professional development resources available, which have helped me refine my teaching practices and stay current with the latest educational research.

My experience with Illustrative Math has been incredibly positive, and I look forward to continuing to see my students (and myself) grow and succeed.

School	Grades	Demographics
Barre Town Elementary School	Three Grades	All Demographics

District Benchmark Distribution of Same Set of Students Over Multiple Years

■ Urgent Intervention ■ Intervention ■ On Watch ■ At/Above Benchmark

School	Grade
Barre City Elementary and Middle School	6th Grade

[illegible]

School

Grade

Barre City Elementary and Middle School 7th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade	<div><div></div><div></div><div></div><div></div></div>	14	19%	24	32%	11	15%	26	35%	75
2022 - 2023	6th Grade	<div><div></div><div></div><div></div><div></div></div>	19	28%	14	21%	10	15%	24	36%	67
2021 - 2022	5th Grade	<div><div></div><div></div><div></div><div></div></div>	19	38%	9	18%	7	14%	15	30%	50
2020 - 2021	4th Grade	<div><div></div><div></div><div></div><div></div></div>	10	22%	8	17%	9	20%	19	41%	46
2019 - 2020	3rd Grade	<div><div></div><div></div><div></div><div></div></div>	6	14%	6	14%	7	17%	23	55%	42

School

Grade

Barre City Elementary and Middle School 8th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	8th Grade	<div><div></div><div></div><div></div><div></div></div>	18	28%	21	32%	7	11%	19	29%	65
2022 - 2023	7th Grade	<div><div></div><div></div><div></div><div></div></div>	15	26%	22	38%	8	14%	13	22%	58
2021 - 2022	6th Grade	<div><div></div><div></div><div></div><div></div></div>	14	27%	18	35%	6	12%	14	27%	52
2020 - 2021	5th Grade	<div><div></div><div></div><div></div><div></div></div>	14	28%	14	28%	6	12%	16	32%	50
2019 - 2020	4th Grade	<div><div></div><div></div><div></div><div></div></div>	8	16%	12	24%	6	12%	24	48%	50

Grade

[illegible]

School

Grade

Barre Town Elementary School 7th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade	<div><div></div><div></div><div></div><div></div></div>	14	18%	16	20%	15	19%	34	43%	79
2022 - 2023	6th Grade	<div><div></div><div></div><div></div><div></div></div>	22	30%	22	30%	10	14%	20	27%	74
2021 - 2022	5th Grade	<div><div></div><div></div><div></div><div></div></div>	20	28%	11	15%	11	15%	29	41%	71
2020 - 2021	4th Grade	<div><div></div><div></div><div></div><div></div></div>	15	23%	11	17%	10	15%	29	45%	65
2019 - 2020	3rd Grade	<div><div></div><div></div><div></div><div></div></div>	14	22%	9	14%	11	17%	30	47%	64

SchoolGrade

Barre Town Elementary School8th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	8th Grade	<div><div></div><div></div><div></div><div></div></div>	17	24%	17	24%	13	18%	25	35%	72
2022 - 2023	7th Grade	<div><div></div><div></div><div></div><div></div></div>	15	22%	21	31%	10	15%	21	31%	67
2021 - 2022	6th Grade	<div><div></div><div></div><div></div><div></div></div>	12	18%	20	31%	9	14%	24	37%	65
2020 - 2021	5th Grade	<div><div></div><div></div><div></div><div></div></div>	7	13%	13	23%	5	9%	31	55%	56
2019 - 2020	4th Grade	<div><div></div><div></div><div></div><div></div></div>	6	11%	14	25%	5	9%	30	55%	55

No results. Adjust selections above to generate a table.

School

Grade

Spaulding Educational Alternatives 7th Grade

School Year	Grade	% Bench mark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	7th Grade	No Activity Data Found	--	--	--	--	--	--	--	--	0
2022 - 2023	6th Grade	<div></div>	1	100%	0	0%	0	0%	0	0%	1
2021 - 2022	5th Grade	<div></div>	1	100%	0	0%	0	0%	0	0%	1
2020 - 2021	4th Grade	<div></div>	1	100%	0	0%	0	0%	0	0%	1
2019 - 2020	3rd Grade	<div></div>	1	100%	0	0%	0	0%	0	0%	1

School

Grade

Spaulding Educational Alternatives 8th Grade

School Year	Grade	% Benchmark Distribution	Below 10 PR		10 - 29 PR		30 - 44 PR		At/Above 45 PR		# Students
			Number	%	Number	%	Number	%	Number	%	
2023 - 2024 School Year	8th Grade	<div><div></div><div></div></div>	2	67%	1	33%	0	0%	0	0%	3
2022 - 2023	7th Grade	<div><div></div><div></div></div>	3	75%	1	25%	0	0%	0	0%	4
2021 - 2022	6th Grade	<div><div></div><div></div></div>	4	80%	0	0%	1	20%	0	0%	5
2020 - 2021	5th Grade	<div><div></div><div></div></div>	4	80%	1	20%	0	0%	0	0%	5
2019 - 2020	4th Grade	<div><div></div><div></div></div>	3	60%	2	40%	0	0%	0	0%	5

No results. Adjust selections above to generate a table.

No results. Adjust selections above to generate a table.

No results. Adjust selections above to generate a table.

School	Grades	Demographics
Barre Town Elementary School	Three Grades	All Demographics

District Benchmark Distribution of Same Set of Students Over Multiple Years

■ Urgent Intervention ■ Intervention ■ On Watch ■ At/Above Benchmark

School	Grade
Barre City Elementary and Middle School	6th Grade

[illegible]

Grade

[illegible]

Grade

[illegible]

Grade

[illegible]

Grade

[illegible]

Grade

[illegible]

No results. Adjust selections above to generate a table.

Grade

[illegible]

Grade

[illegible]

No results. Adjust selections above to generate a table.

No results. Adjust selections above to generate a table.

No results. Adjust selections above to generate a table.