

GROTON BOARD OF EDUCATION
COMMITTEE OF THE WHOLE MEETING
OCTOBER 11, 2022 @ 6:00 P.M.
CENTRAL OFFICE, ROOM 11

NOTE: This meeting is being held in-person. For those attending via Zoom, please click on the meeting under District Calendar for the Zoom link.

Mission Statement: Our mission is teaching and learning.

Board Goals: In a richness of cultures and with a respect for all, (1) Provide Dynamic Rigorous Curriculum, (2) Ensure Effective and Engaging Instruction, and (3) Embrace Excellent Learning Environment.

AGENDA

1. Call to Order
2. BoE Regular Business
 - a. Approval of the C.O.W. meeting minutes of September 19, 2022 (Attachment #1)
3. District Overview of Next Generation Science Standards Assessment (Attachment #2)
4. Discussion re: Legislation Around Reading Curricula Models & Programs
5. Update re: the Expansion of Mentoring Program
6. Update re: Staffing
7. Suggested Future Topics
8. Adjournment

GROTON BOARD OF EDUCATION
COMMITTEE OF THE WHOLE
SEPTEMBER 19, 2022 @ 6:00 P.M.
CENTRAL OFFICE, ROOM 11

MEMBERS PRESENT: Kim Shepardson Watson-Chairperson, Andrea Ackerman, William Horgan, Matthew Shulman, Rita Volkmann (Remote), Beverly Washington (remote), Jay Weitlauf

MEMBERS ABSENT: Dean Antipas, Liz Porter

ALSO PRESENT: Susan Austin, Phil Piazza, Ken Knight, Sam Kilpatrick, Isaiah Anderson, Ernie Koschmieder

I. CALL TO ORDER – Chairperson Shepardson Watson called the meeting to order at 6:00 p.m.

II. BOE REGULAR BUSINESS

MOTION: Ackerman, Shulman: To approve the COW minutes of September 12, 2022
PASSED - UNANIMOUSLY

III. FOOD NUTRITION PROGRAM PRICING (ATTACHMENT #1)

Mr. Koschmieder, Food Services Director, gave an overview of the proposed food program pricing. Mr. Koschmieder noted that every year rates are set by the USDA and that we are required to follow what they set forth. Catering/outside catering allows us to offset the price. Only 3 schools would be affected (NEA/CB/FHS). Mr. Koschmieder stated that we have the option to add another school or to opt out of the CEP program. Mr. Knight discussed the charge to the board to cover the cost of reduced price student meals. This was estimated to be a maximum of \$15,612, but probably less due to less than 100% participation.

IV. TRANSPORTATION UPDATE – COST OF SMALL BUSES

Mr. Knight stated that the cost for the 2022-2023 school year for a bus is \$366.71/per day X 181 days that comes to \$66,375 and the cost for the fuel for a bus. The cost for the 2 additional buses would be \$132,750. The need for the additional buses is due to the number of special education Preschoolers who need car seats.

V. HEATING FUEL COST INCREASE (ATTACHMENT #2)

Mr. Knight gave an overview of the heating fuel cost increase. Mr. Knight explained that the RESC Alliance Fuel Consortium suggested we lock in at the \$4.14 rate for heating oil and at the \$4.24 rate for Diesel fuel. Mr. Knight noted that Natural Gas stating that the 3 newer buildings as well as Fitch High School use Natural Gas. We have a contract in place for the 2 newer elementary school and for the Middle School and Fitch High School we had to have a new contract put in place this year.

VI. FIELD HOUSE STUDY RECOMMENDATIONS

Mr. Weitlauf noted the 1957 Field House is used a public rest rooms and changing rooms and the concession stand The new building is used for changing room for male member Football Teams. The Architect and Mr. Romano is suggesting remodeling the existing field house and a connector to have male and female locker rooms and to remodel the concession stand and/or demolish it.

VII. REVIEW OF REFERRAL TRACKING SHEET

Mr. Shulman made a referral to the Curriculum Committee to discuss having electives get college credit or a certificate.

VIII. SUGGESTED FUTURE TOPICS

Mr. Shulman made a suggestion for discussion of the cost of recovery for transportation due to the Branford Manor situation.

Mrs. Shepardson Watson made a suggestion for discussion regarding the State taking away the ban on Magnet Schools.

Mrs. Washington requested discussion of the Climate Survey. Ms. Austin noted that this discussion will occur in October.

Ms. Austin noted that Principals will bring their Action Plans based on data to the Board in October.

Mrs. Shepardson Watson requested discussion of how the Snack Shack did over the summer at Eastern Point Beach.

IX. ADJOURNMENT

MOTION: Ackerman, Weitlauf: To adjourn at 7:40 p.m.
PASSED UNANIMOUSLY

Attachment #1

Groton Public Schools
Proposed Meal Prices - FY2023

Meal	School	Current prices	Proposed prices	% Incr proposed over current
Breakfast	Elementary	\$ 1.50	\$ 2.00	33%
Breakfast	Secondary	\$ 1.75	\$ 2.25	29%
Lunch	Elementary	\$ 2.80	\$ 3.25	16%
Lunch	Secondary	\$ 3.00	\$ 3.75	25%

Average	24.6%
----------------	--------------

Meal	2019/2020 USDA reimb	2022/2023 USDA reimb	% Incr USDA reimb rate
Breakfast	\$ 2.20	\$ 2.67	21%
Lunch	\$ 3.41	\$ 4.33	27%

Average	24.2%
----------------	--------------

Cost to Cover meals for Reduced Cost Students					
Meal	School	Reduced Price	Anticipated # of reduced price students	Cost assuming 100% participation 181 days	Cost assuming 100% participation 75% of days
Breakfast	Elementary	\$ 0.30	72	\$ 3,909.60	\$ 2,937.60
Breakfast	Secondary	\$ 0.30	92	\$ 4,995.60	\$ 3,753.60
Lunch	Elementary	\$ 0.40	72	\$ 5,212.80	\$ 3,916.80
Lunch	Secondary	\$ 0.40	92	\$ 6,660.80	\$ 5,004.80

\$ 20,778.80	\$ 15,612.80
---------------------	---------------------

Attachment #2

Groton Public Schools
 Fuel usage/cost
 Fiscal Year 2023

Heating Oil	No. of Gallons	Per FY23 Budget		Estimated FY23		Estimated Variance
		Cost/Gallon	Cost	Cost/Gallon*	Cost	
Charles Barnum	15,000	\$ 2.8500	42,750	\$ 4.1431	62,147	19,397
Catherine Kolnaski	20,000	\$ 2.8500	57,000	\$ 4.1431	82,862	25,862
Northeast Academy	20,000	\$ 2.8500	57,000	\$ 4.1431	82,862	25,862
Mary Morrisson	10,000	\$ 2.8500	28,500	\$ 4.1431	41,431	12,931
Fitch High Field House	3,000	\$ 2.8500	8,550	\$ 4.1431	12,429	3,879
Central Office	12,000	\$ 2.8500	32,038	\$ 4.1431	49,717	17,679
Total	80,000		225,838		331,448	105,610

Natural Gas	No. of Therms	Cost/Unit	Cost	Cost/Unit**	Cost	Estimated Variance
Thames River	35,000	\$ 0.8951	31,329	\$ 0.8951	31,329	0
Groton Middle	45,650	\$ 1.5000	68,475	\$ 1.5850	72,355	3,880
Fitch High	92,312	\$ 1.5000	138,468	\$ 1.6880	155,823	17,355
Total	207,962		269,670		290,905	21,235

Total Heating Costs			495,508		622,353	126,845
----------------------------	--	--	----------------	--	----------------	----------------

Diesel	No. of Gallons	Cost/Gallon	Cost	Cost/Gallon*	Cost	Estimated Variance

* Per RESC Alliance Consortium meeting 09/08/2022
 ** Based on contract

NGSS Assessment Results

SY 2021 - 2022

Assessment Definitions

Next Generation Science Standards “NGSS” Science

Assessment: Summative

science assessment that replaced CMT/CAPT. Administered in grades 5, 8, and 11.



3 Dimensional Science Instruction

Disciplinary Core Ideas

- The Content (Life Science, Physical Science, Earth & Space Science)

Science & Engineering Practices

- The “How” (8 Practices - Examples: Develop and use models, Plan & Carry out Investigations)

Cross Cutting Concepts

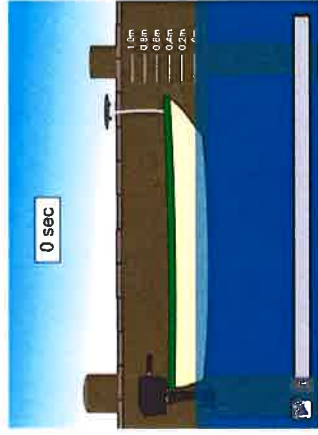
- The “Big Ideas” (Examples: Patterns, Cause & Effect, Structure & Function)

Sample Task

A boat floating in the ocean is tied to a dock. The boat rises and falls with the waves.

Animation 1 shows how the boat rises and falls with the waves. Click on the small gray arrow to start the animation.

Animation 1. Boat at Dock



Your Task

In the questions that follow, you will develop a model to show the cause of the boat's motion.

1

Part A

Use the simulation to conduct a fair test to:

- show which factor affects the height that the boat moves up and down above the water level; and
- show which factor affects the speed the boat moves up and down.

To run the tests:

- First, select the size of the boat.
- Next, select the size of the wave.
- Then, select the distance between the two waves.
- Next, select the depth of the water.
- Click the Start button.

You will be limited to eight trials, but you do not have to use all of them. If you would like to delete a trial, click on the trash can next to the row of data you would like to delete and generate new data.

Trial	Size of the Boat	Size of the Waves	Distance Between the Waves	Depth of the Water	Height Boat Moves Up and Down	Speed Boat Moves Up and Down

Sample Task

Part B

Complete Table 1 by identifying the factors that:

- affect the height the boat moves up and down above the water level.
- affect the speed the boat moves up and down.

Factor that Affects Height Boat Moves Up and Down Above the Water Level	Factor that Affects Speed Boat Moves Up and Down
<input type="text"/>	<input type="text"/>

Complete the table by doing the following:

- Column 1: Select two trials from the simulation that support your answer from column 1 in Part B.
- Column 2: Select two trials from the simulation that support your answer from column 2 in Part B.

Shows Boat Moving Up and Down at Different Heights

Shows Boat Moving Up and Down at Different Heights	Shows Boat Moving Up and Down at Different Speeds
Trial 1	<input type="checkbox"/>
Trial 2	<input type="checkbox"/>
Trial 3	<input type="checkbox"/>
Trial 4	<input type="checkbox"/>
Trial 5	<input type="checkbox"/>
Trial 6	<input type="checkbox"/>
Trial 7	<input type="checkbox"/>
Trial 8	<input type="checkbox"/>

Part D

Animation 1 shows the boat moving up and down slowly in the morning. In the afternoon, the boat will move up and down quickly.

How will the water wave change from morning to afternoon based on your observations from the simulation?

- Ⓐ The amplitude of the wave will change.
- Ⓑ The wavelength of the wave will change.
- Ⓒ Neither the amplitude nor the wavelength will change.
- Ⓓ The change in the water wave cannot be determined.

Connecticut Metrics

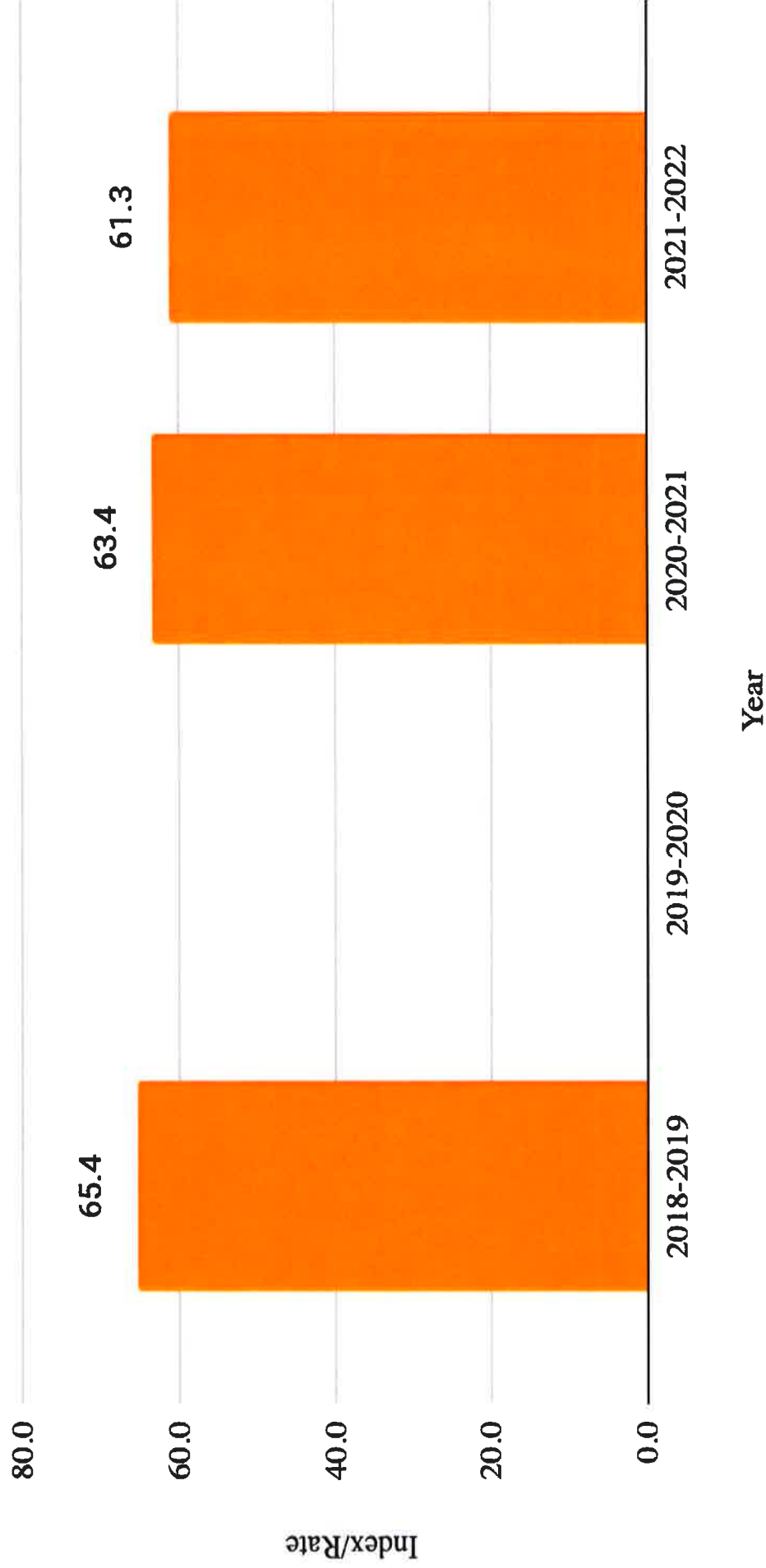
Performance Index: All tests across all grade levels are converted to a common scale. This measure is used by CSDE to show overall achievement in the district.

Student Growth: This indicator looks at the growth of students year over year. The percentage displayed is the percentage of the growth target that student's met.

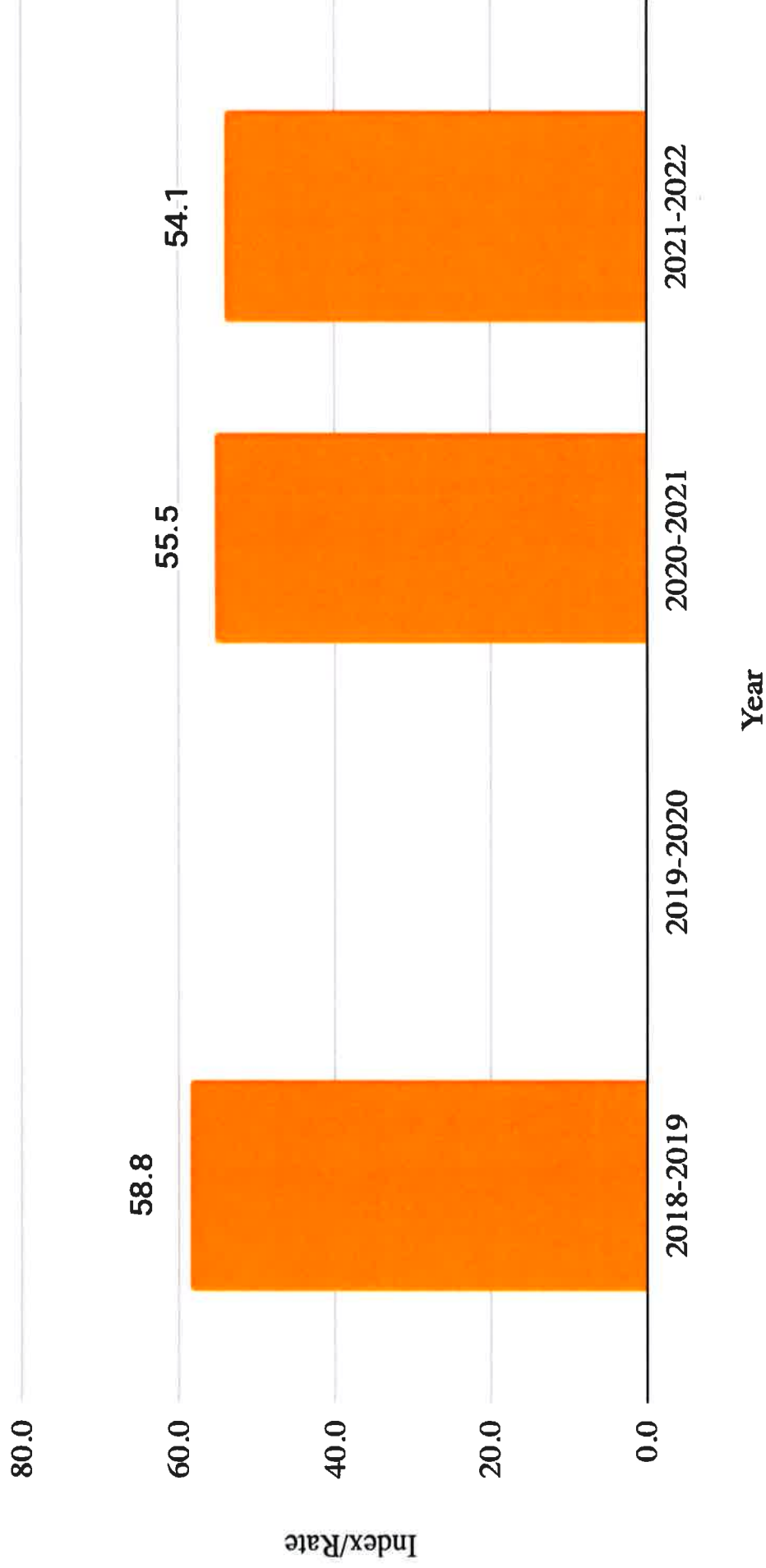
Performance Index

The goal for Connecticut State Department of Education is that by the end of 2030, every district will have a performance index score of 75 in each indicator.

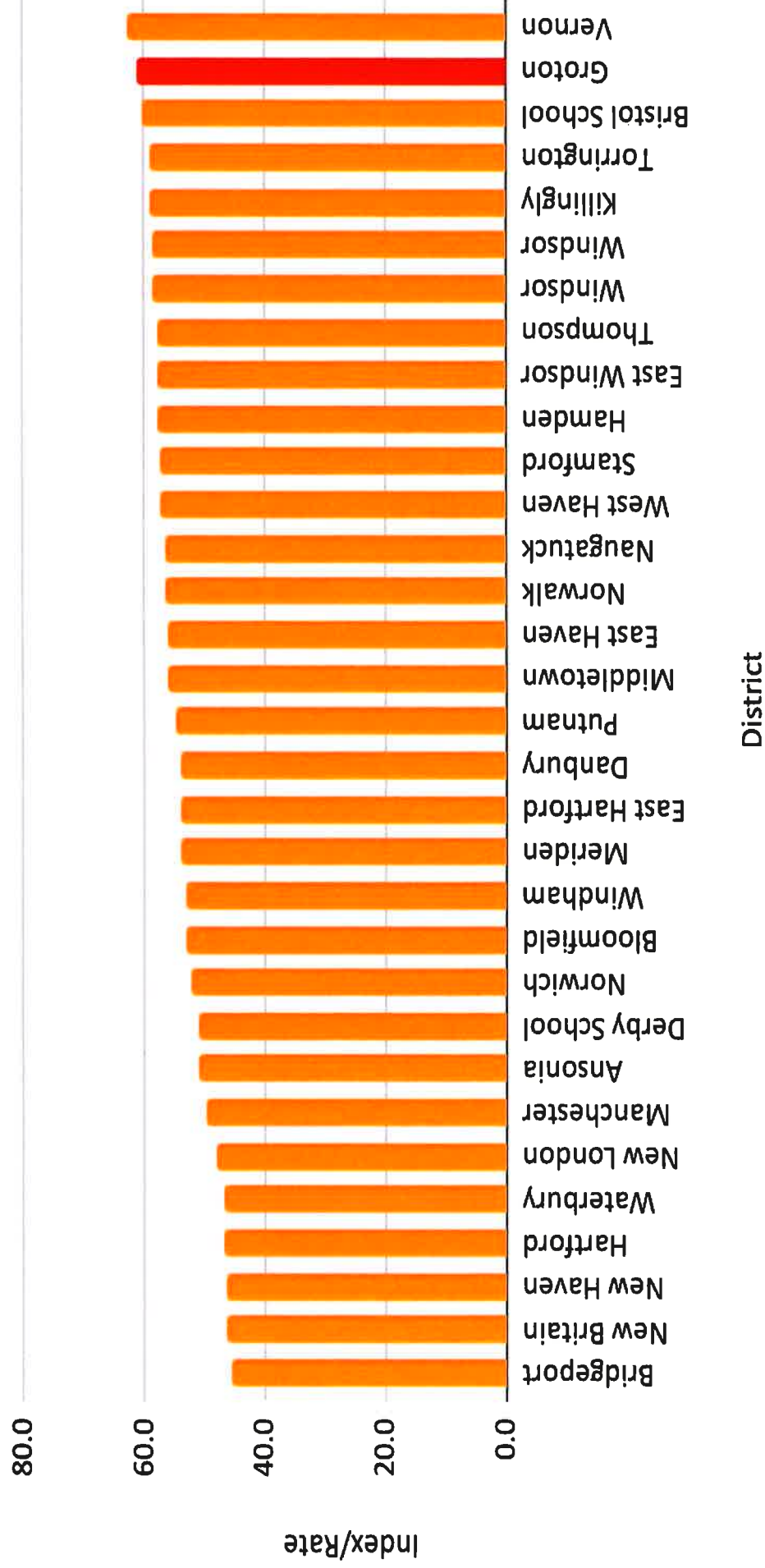
NGSS Performance Index - All Students



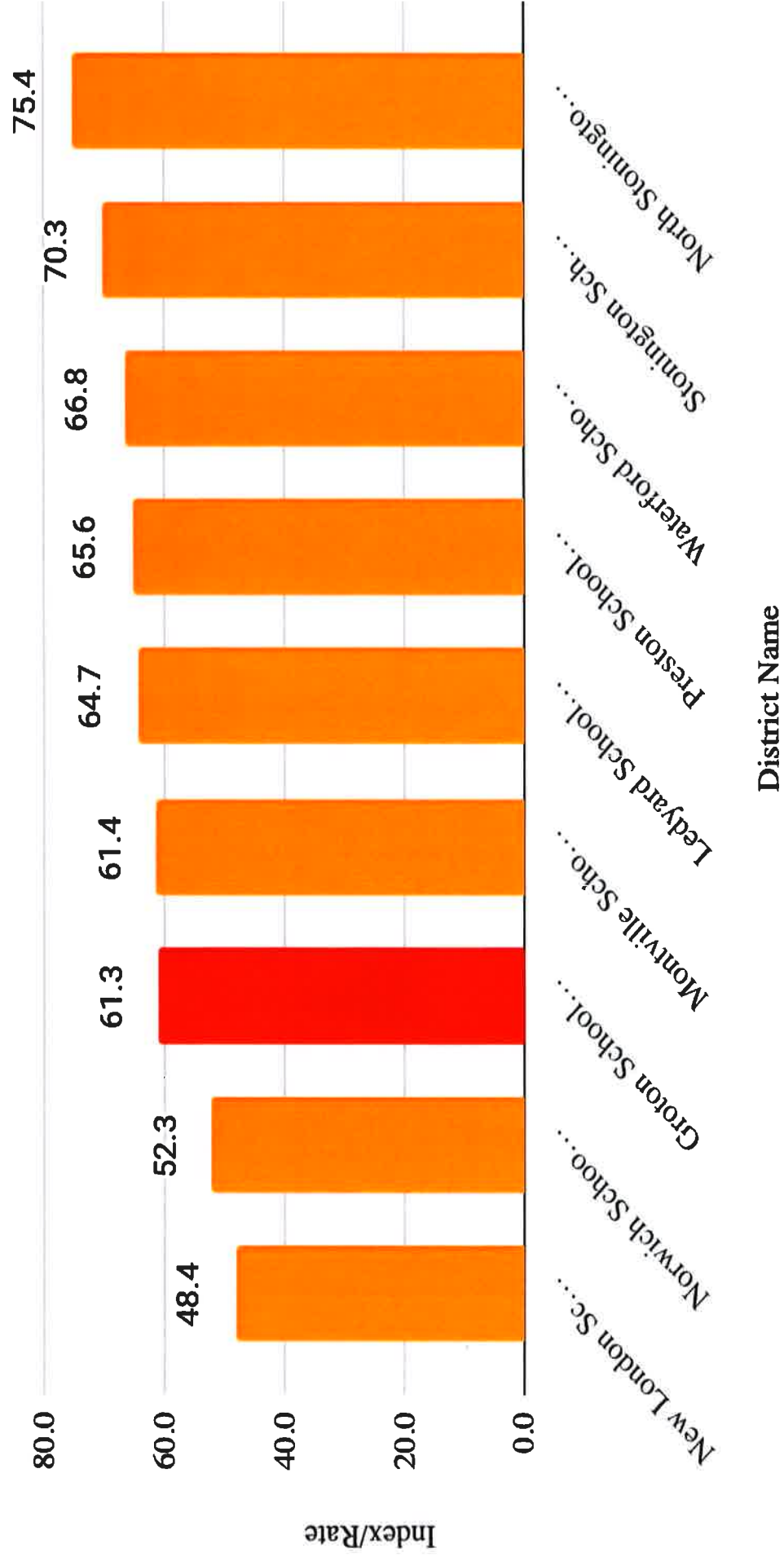
NGSS Performance Index - "High Needs" Students



NGSS Performance Index - by Alliance



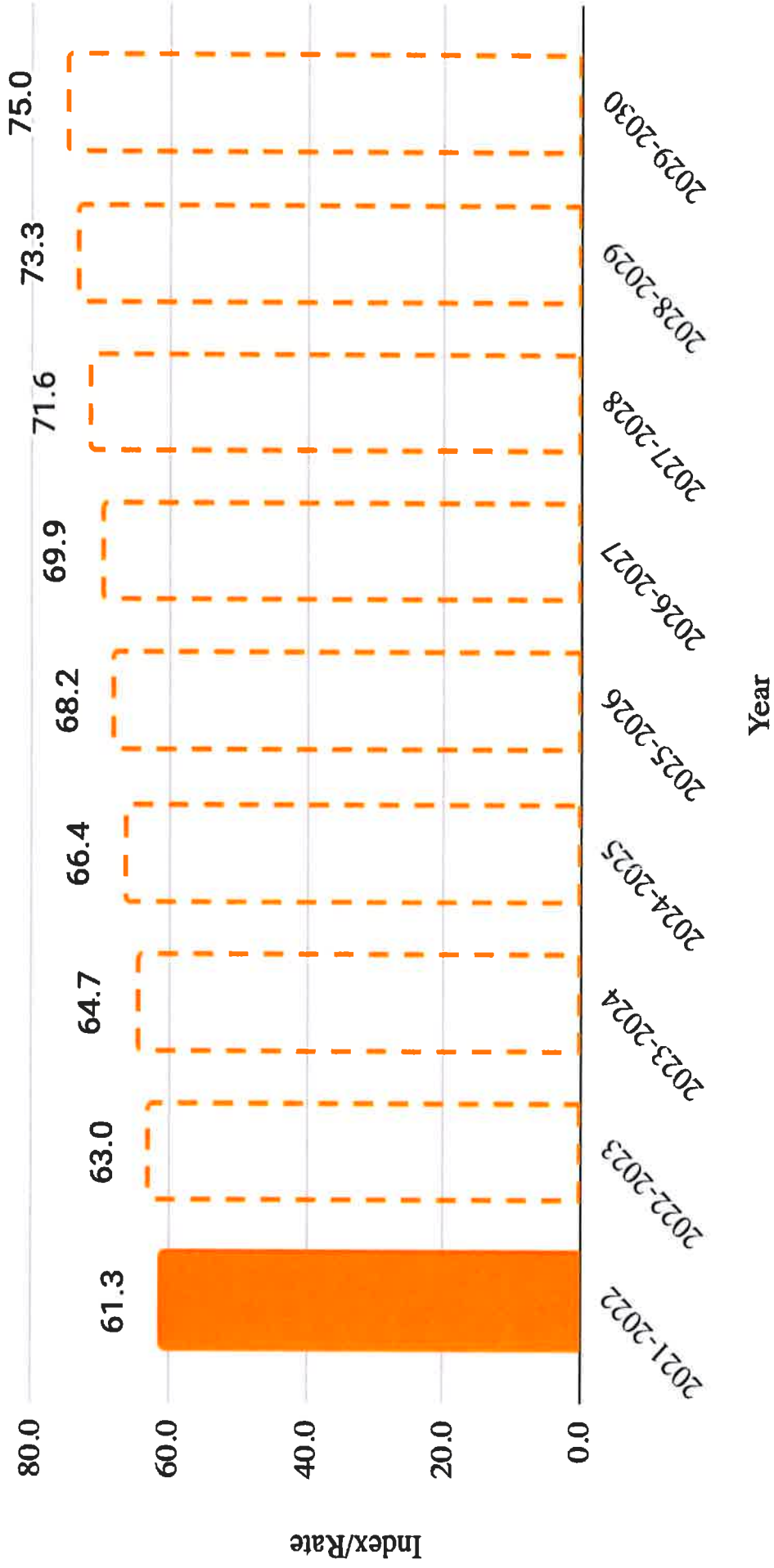
NGSS Performance Index - by Region



Forecasting Future Performance Index

The goal for Connecticut State Department of Education is that by the end of 2030, every district will have a performance index score of 75 in each indicator.

Forecast NGSS Performance Index - All Students



District Actions to Support Growth (Elementary)

- Engagement with state and regional resources
- Reconvening of District-wide Science Task Force
- Implementation of NGSS Interim Assessments at grades 3-5
- Coordinating with CREC to provide professional learning
- Development of tools and processes to support curriculum implementation and materials management.