




NORTH SLOPE BOROUGH SCHOOL DISTRICT

M E M O R A N D U M

TO: Robyn Burke, President
Members of the School Board

THROUGH: David Vadiveloo, Chief School Administrator 
DSV

THROUGH: Caitlin Santos, Director of Curriculum & Instruction 
CM

FROM: Kim Neakok, Assessment Instructional Specialist

DATE: April 12, 2024

SUBJECT: 2023 Alaska Summative Assessment

MEMO#: SB24-151 (Information Item)

NSBSD Strategic Plan Goal:

1 STUDENT SUCCESS: *All students will reach their intellectual potential and achieve academic success through integrating Inupiaq knowledge systems into the core content areas and focusing on the development of the Whole Child.*

1.1 ACADEMIC ACHIEVEMENT: *Ensure all students show growth in academic areas measured by authentic assessment where possible and state and district standards where necessary.*

Issue Summary:

In accordance with the law, the North Slope Borough School District participated in the Alaska Department of Education and Early Development's summative assessments, the Alaska System of Academic Readiness (AK STAR), and the Alaska Science Assessment during the weeks of March 27 through April 28, 2023.

The Alaska Science Assessment results were shared with families and the School Board in November.

The Alaska System of Academic Readiness (AK STAR) is Alaska's state assessment for English language arts (ELA) and mathematics. In spring 2023, AK STAR was administered to grades three to nine students. AK STAR allows students to show what they know and can do related to Alaska's ELA and mathematics standards.

Results were released to Districts on March 20, 2024, and must be disseminated to families by May 10, 2024.

State, district, and school data will be available on the DEED website on April 17, 2024.

Typically, the summative scores are released to families in the fall; however, DEED decided to delay the release of AK STAR scores. In June of 2023, MAP Growth performance data and a linking student between grade-level percentiles provided new insights into proficiency levels. This information and a Policy Review Committee's consideration led to a recommendation to adjust the current AK STAR cut scores.

Within the coming weeks, parents will begin to receive a letter with information on interpreting their student's results and explaining why the results were delayed. **It is important to remember that these scores reflect student achievement at the end of the last school year.**

As a District, our results from 2022 to 2023 remained mostly unchanged. With support and direction from the CSA, the Curriculum and Instruction Department has developed strategies for next year to provide the resources needed to increase our students' achievement scores.

Documents behind this memo include the AK STAR results for the 2023 school year. It is important to note that there are no results for the Kiita Learning Community, as the AK STAR is only administered to students in grades 3-9.

Background:

Board Policy 6162.5: ... Under Alaska law [4 AAC 06.737](#), all school districts shall administer a standards-based assessment in English Language Arts and Mathematics annually to every student in grades three through nine, and each district shall administer the standards-based assessment in science annually to every student in grades five, eight, and ten.

English Language Arts

According to the results, 72.% of students who took the assessment are identified as Needs Support in the area of English Language Arts. This has remained the same from 2022.

2023



2023 District Summary Report - English Language Arts District: NORTH SLOPE BOROUGH SCHOOL DISTRICT

	Students Tested	Mean Score	Median Score	% of Students by Achievement Level
NORTH SLOPE BOROUGH SCHOOL DISTRICT	959	1568	1563	<div><div>72%</div><div>21%</div><div>5%</div></div>
ALASKA	55,941	1589	1583	<div><div>40%</div><div>29%</div><div>22%</div><div>10%</div></div>

2022



2022 District Summary Report - English Language Arts District: NORTH SLOPE BOROUGH SCHOOL DISTRICT

	# Students Tested	Mean Score	Median Score	% of Students by Achievement Level
NORTH SLOPE BOROUGH SCHOOL DISTRICT	941	1571	1566	<div><div>72%</div><div>21%</div><div>5%</div></div>
ALASKA STATE ORG	54745	1591	1585	<div><div>43%</div><div>28%</div><div>21%</div><div>9%</div></div>

Mathematics

According to the the results, 81% of students who took the assessment are identified as Needs Support in Mathematics. This is a 2% decrease from the previous year, meaning fewer students were identified as Needs Support.

2023



2023 District Summary Report - Mathematics District: NORTH SLOPE BOROUGH SCHOOL DISTRICT

	Students Tested	Mean Score	Median Score	% of Students by Achievement Level
NORTH SLOPE BOROUGH SCHOOL DISTRICT	953	1521	1517	<div><div>81%</div><div>11%</div><div>7%</div></div>
ALASKA	55,950	1542	1537	<div><div>49%</div><div>18%</div><div>24%</div><div>9%</div></div>

2022



2022 District Summary Report - Mathematics District: NORTH SLOPE BOROUGH SCHOOL DISTRICT

	# Students Tested	Mean Score	Median Score	% of Students by Achievement Level
NORTH SLOPE BOROUGH SCHOOL DISTRICT	916	1523	1521	<div><div>83%</div><div>11%</div><div>4%</div></div>
ALASKA STATE ORG	54688	1542	1537	<div><div>58%</div><div>19%</div><div>16%</div><div>7%</div></div>

While there is room for growth, some of our schools have improved.

Barrow High School improved from 77% of students identified as Needs Support in English Language Arts to 63%, with a 6 % increase in students identified as Approaching Proficiency and a 6% increase in students Proficient.

Barrow High School 2023



2023 School Summary Report - English Language Arts District: NORTH SLOPE BOROUGH SCHOOL DISTRICT School: BARROW HIGH SCHOOL

	Students Tested	Mean Score	Median Score	% of Students by Achievement Level		
BARROW HIGH SCHOOL	70	1582	1576	63%	26%	10%

Barrow High School 2022



2022 School Summary Report - English Language Arts District: NORTH SLOPE BOROUGH SCHOOL DISTRICT School: BARROW HIGH SCHOOL

	# Students Tested	Mean Score	Median Score	% of Students by Achievement Level		
BARROW HIGH SCHOOL	56	1580	1575	77%	20%	4%

Nuiqsut Trapper School improved from greater than 95% of students identified as Needs Support in Mathematics to 89%, with a 10% increase in students identified as Nearing Proficiency.

Nuiqsut Trapper 2023



2023 School Summary Report - English Language Arts District: NORTH SLOPE BOROUGH SCHOOL DISTRICT School: NUIQSUT TRAPPER SCHOOL

	Students Tested	Mean Score	Median Score	% of Students by Achievement Level		
NUIQSUT TRAPPER SCHOOL	82	1559	1555	89%	10%	

Nuiqsut Trapper 2022



2022 School Summary Report - Mathematics District: NORTH SLOPE BOROUGH SCHOOL DISTRICT School: NUIQSUT TRAPPER SCHOOL

	# Students Tested	Mean Score	Median Score	% of Students by Achievement Level			
NUIQSUT TRAPPER SCHOOL	80	--	--	>=95%	<=5%	<=5%	<=5%

In English Language Arts, Alak School's third and fourth-grade students performed above or about the same as the District. In Language Mechanics, third grade performed about the same as the State.



2023 School Summary Report - English Language Arts
District: NORTH SLOPE BOROUGH SCHOOL DISTRICT
School: ALAK SCHOOL

Performance by Instructional Area

The table below shows how the performance of the school compares to the district and state mean RIT score for the instructional areas of the test.

Comparison Legend

- ↑ did better than the District/State mean RIT
- ≈ did about as well as the District/State mean RIT
- ↓ did not do as well as the District/State mean RIT
- Ø did not attempt any items in this area

Grade	Students with Valid RIT Scores	Instructional Area	Comparison	
			District	State
3	8	Reading Overall	↑	↓
		• Literary Text	≈	↓
		• Informational Text	↓	↓
		• Vocabulary	↑	↓
		Language Usage Overall	↑	↓
		• Language: Grammar	↓	↓
		• Language: Mechanics	↑	≈
		• Writing: Write/Revise	↓	↓
4	15	Reading Overall	≈	↓
		• Literary Text	≈	↓
		• Informational Text	↑	↓
		• Vocabulary	≈	↓
		Language Usage Overall	≈	↓
		• Language: Grammar	≈	↓
		• Language: Mechanics	≈	↓
		• Writing: Write/Revise	≈	↓

In Mathematics, Tikigaq School's fourth-grade students performed above or about the same as the District. In Geometry, fourth-grade performed about the same as the State.

4	8	Math Overall	↑	↓
		• Operations and Algebraic Thinking	≈	↓
		• Number and Operations	↓	↓
		• Measurement and Data	↑	↓
		• Geometry	↑	↑

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