



Science Assessment

Alaska Department of Education
& Early Development

District Summary Report

District Name: North Slope Borough School District

Subject: Science

Test Date: Spring 2026

Achievement Level Summary

Group	# Tested	% in Each Level			
District	308	65.9	19.5	12.7	1.9
State	21,123	38.4	23.9	27.4	10.3

Achievement Level Summary — By Grade

Grade	Group	# Tested	% in Each Level			
5	District	112	50.9	29.5	18.8	0.9
	State	7,755	29.2	26.8	34.7	9.2
8	District	112	76.8	13.4	8.9	0.9
	State	7,217	43.1	21.8	23.5	11.6
10	District	84	71.4	14.3	9.5	4.8
	State	6,151	44.4	22.5	22.9	10.1

Needs Support Approaching Proficient Proficient Advanced



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Achievement Levels

Overall scores on the Science Assessment are divided into four achievement levels: Needs Support, Approaching Proficient, Proficient, and Advanced.

Median and Mean Scale Scores

The number of students, median and mean scale scores, and standard errors are reported at the District and State level in the table below.

The median is the middle number in an ordered list of numbers. The median is a way to describe the midpoint score in a group of scores. Unlike a mean (sometimes called the average), it is unaffected by very low or very high test scores. The right-hand side of the red bar represents the median scale score.

The mean is calculated by adding the values of a set of scores and dividing by the number of scores in the set. The (—●—) symbol shows the district's/state's mean scale scores and standard errors of estimate (SEE), where the dark circle is the mean score and the line is the SEE. The SEE provides information about the level of confidence that a sample of students would achieve the same mean score if another sample was tested. The standard error decreases as the sample size increases.

For more information on the Alaska Science Assessment please visit education.alaska.gov/assessments/science.

Median and Mean Score Summary — By Grade

Grade	Group	# Tested	Scale Score Median/Mean	400	500	600	700	800
5	District	112	576/581					
	State	7,755	608/608					
8	District	112	563/571					
	State	7,217	595/598					
10	District	84	556/560					
	State	6,151	579/585					

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Performance by Reporting Category

The table below shows how the performance of the district and state compared to the state standard for proficiency on specific areas of the Science Assessment.

Grade	# Tested	Reporting Category and Strands	District	State
5	112	Physical Sciences	▼	▼
		Structure and Properties of Matter	▼	▼
		Forces and Interactions	▼	≡
		Energy and Waves	▼	▼
		Life Sciences	▼	▼
		Structure, Function, and Information Processing	▼	▲
		Matter and Energy in Organisms and Ecosystems and Interdependent Relationships in Ecosystems	▼	▼
		Inheritance and Variation of Traits: Life Cycles and Traits	▼	≡
		Earth and Space Sciences	▼	▼
		Space Systems	▼	▼
		Earth's Systems	▼	▼
		Weather and Climate	▼	▼
8	112	Physical Sciences	▼	▼
		Structure and Properties of Matter and Chemical Reactions	▼	▼
		Forces and Interactions	▼	▼
		Energy and Waves and Electromagnetic Radiation	▼	▼
		Life Sciences	▼	▼
		Structure, Function, and Information Processing	▼	≡
		Matter and Energy in Organisms and Ecosystems and Interdependent Relationships in Ecosystems	▼	▼
		Growth, Development, and Reproduction of Organisms and Natural Selection and Adaptations	▼	▼
		Earth and Space Sciences	▼	▼
		Space Systems	▼	▼
		History of Earth and Earth's Systems	▼	▼
		Weather and Climate and Human Impacts	▼	▼
10	84	Physical Sciences	▼	▼
		Structure and Properties of Matter and Chemical Reactions	▼	▼
		Forces and Interactions	▼	▼
		Energy and Waves and Electromagnetic Radiation	▼	▼
		Life Sciences	▼	▼
		Structure and Function	▼	▼
		Matter and Energy in Organisms and Ecosystems and Interdependent Relationships in Ecosystems	▼	▼
		Inheritance and Variation of Traits and Natural Selection and Evolution	▼	▼

Performance Results Key

The district or state

▲ *did better than* the state standard for proficiency

≡ *did about as well as* the state standard for proficiency

▼ *did not do as well as* the state standard for proficiency

■ *did not attempt any items in this reporting category or strand*