



Science Assessment

Alaska Department of Education
& Early Development

School Summary Report

District Name: Fairbanks North Star Borough School District
School Name: Barnette Magnet School

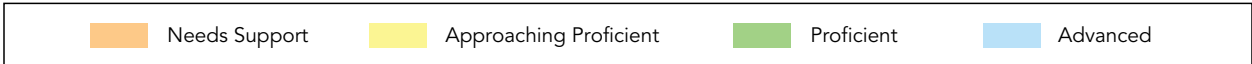
Subject: Science
Test Date: Spring 2024

Achievement Level Summary

| Group | # Tested | % in Each Level | | | |
|----------|----------|-----------------|------|------|------|
| School | 86 | 18.6 | 24.4 | 30.2 | 26.7 |
| District | 2,313 | 32.0 | 25.4 | 29.1 | 13.5 |
| State | 21,717 | 39.9 | 23.1 | 25.7 | 11.3 |

Achievement Level Summary — By Grade

| Grade | Group | # Tested | % in Each Level | | | |
|-------|----------|----------|-----------------|------|------|------|
| 5 | School | 52 | 15.4 | 30.8 | 30.8 | 23.1 |
| | District | 894 | 22.1 | 26.4 | 38.0 | 13.4 |
| | State | 8,087 | 29.3 | 23.1 | 34.3 | 13.2 |
| 8 | School | 34 | 23.5 | 14.7 | 29.4 | 32.4 |
| | District | 716 | 41.1 | 18.3 | 23.6 | 17.0 |
| | State | 7,279 | 51.6 | 16.7 | 20.8 | 10.8 |





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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 Scale Scores

The number of students, median scale score, and standard error are reported at the School, District, and State level in the table below. The median is the middle number in an ordered list of numbers. Unlike a mean (average), it is unaffected by very low or very high test scores. The —●— symbol shows the students' scale score where the dark circle is the score. If the students were to test again, the students' scores would likely fall within the lines on either side of the circle. 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 Score Summary — By Grade

| Grade | Group | # Tested | Scale Score Median/Mean | Score | | | | |
|-------|----------|----------|----------------------------|-------|-----|-----|-----|-----|
| | | | | 400 | 500 | 600 | 700 | 800 |
| 5 | School | 52 | 633/631 | | | | | |
| | District | 894 | 617/620 | | | | | |
| | State | 8,087 | 613/613 | | | | | |
| 8 | School | 34 | 620/629 | | | | | |
| | District | 716 | 599/602 | | | | | |
| | State | 7,279 | 585/591 | | | | | |



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Performance by Reporting Category

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

| Grade | # Tested | Reporting Category | School | District | State |
|-------|----------|-------------------------|--------|----------|-------|
| 5 | 52 | Life Science | ▲ | ▲ | ▲ |
| | | Physical Science | ≡ | ≡ | ▼ |
| | | Earth and Space Science | ≡ | ▲ | ≡ |
| 8 | 34 | Life Science | ≡ | ▼ | ▼ |
| | | Physical Science | ≡ | ▼ | ▼ |
| | | Earth and Space Science | ≡ | ▼ | ▼ |

Performance Results Key
 The school, district, or state

| | |
|--|---|
| ▲ <i>did better than</i> the state standard for proficiency | ▼ <i>did not do as well as</i> the state standard for proficiency |
| ≡ <i>did about as well as</i> the state standard for proficiency | ■ <i>did not attempt any items in this category</i> |