

Alfred A. Dixon

School One District Three

Spring 2025 Grade 5



These are Alfred's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.



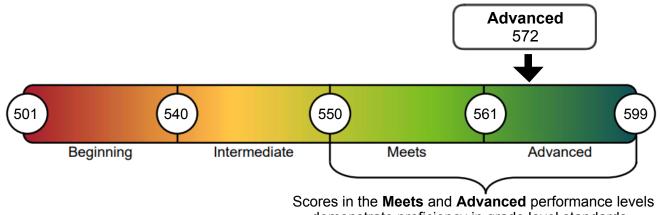
Scan the QR code to access a video about the new science assessments. For more information, go to the <u>MDE Students and Families Statewide Testing Assessment</u>

<u>Results</u> website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).



Science: Alfred's Overall MCA-IV Results

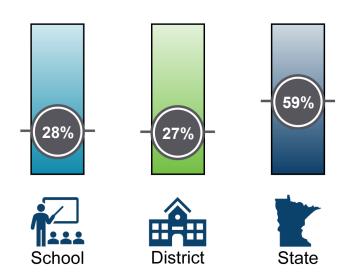
Alfred's score of 572 shows evidence of learning at the **Advanced** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.



demonstrate proficiency in grade level standards.

Percent of Grade 5 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 5 students demonstrated proficiency on the Science MCA-IV?



Alfred's score of 572 shows evidence of learning at the **Advanced** level for grade-level expectations in science.

The Science MCA measures learning of the Minnesota Academic Standards in Science.

- A grade 5 student with a score at the Advanced level shows evidence of being able to:
- Explain phenomena and design solutions to problems by thoroughly integrating science practices and concepts.
- Refine questions, evaluate investigations, revise models, and apply advanced mathematics to analyze data.
- Develop claims from evidence and redesign solutions to a problem.

Performance in Grade 5 Practices in Science

Alfred's performance is also reported for three areas of the Minnesota Academic Standards in Science.

Additional Performance Details

Practices in Earth and Space Science

Students with performance above expectations for Practices in Earth and Space Science typically show evidence of being able to:

- Evaluate data to explain how Earth's rotation and the Earth/Moon/Sun system influence seasonal daylight patterns.
- Analyze how Minnesota American Indian Tribes and other cultures interpret star patterns to make predictions and plan.
- Evaluate models to understand how Earth's systems interact with each other.
- Design solutions to lessen the effects of weathering, erosion, and Earth processes.
- · Collect and interpret data on how Earth's surface has changed over time.

Above Expectations

Your student's

performance:

- Use evidence to evaluate human impacts on natural resources emphasizing sustainable resource use.
- Compare multiple technologies that minimize environmental effects on humans.

Practices in Life Science

Students with performance **above expectations for Practices in Life Science** typically show evidence of being able to:

Your student's performance:

- evidence of being able to:Construct evidence-based explanations showing how variations in inherited traits provide
- survival advantages, making them more common.
 Develop solutions to address environmental changes that threaten the survival of organisms.
- Argue that traits vary among group members and are influenced by the environment.
- Use media sources to explain inheritance patterns in organisms.
- Refine models of matter and energy movement in ecosystems and diverse organism life cycles.
- Analyze how resources affect populations and how animal groups use complex communication strategies to survive interdependently.
- Use evidence to argue that plant and animal structures support survival in various ways.
- Refine an investigation showing how plants produce food from sunlight, air, and water.

Practices in

Physical Science

Expectations

Above

Students with performance **above expectations for Practices in Physical Science** typically show evidence of being able to:

- Refine investigations to identify substances by their properties before and after they are combined to determine if a chemical reaction has occurred.
- Evaluate models demonstrating that matter has observable effects even if it is too small to be seen.
- Predict answers to testable questions about electric or magnetic interactions between objects.
- Use evidence to predict relationships between speed, energy, and other forces.
- Interpret data showing how energy can be stored, released, and transferred.
- Compare experiments predicting how light interacts with different materials.
- Create models to show how light properties affect visibility and how light reflects to enter the eye.

Above Expectations

Your student's performance:

How to request this report in a translated language or an alternative format:



Dainton M. Johnston

School One **District Two**

Spring 2025 Grade 5



These are Dainton's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

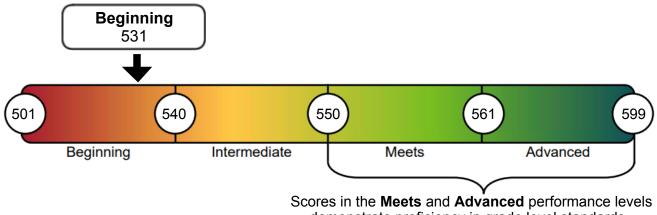


Scan the QR code to access a video about the new science assessments. For more information, go to the MDE Students and Families Statewide Testing Assessment Results website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).



Science: Dainton's Overall MCA-IV Results

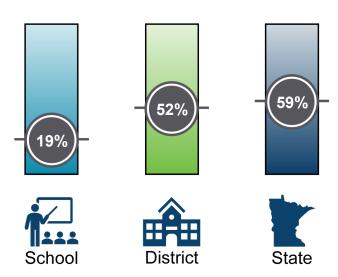
Dainton's score of 531 shows evidence of learning at the **Beginning** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.



demonstrate proficiency in grade level standards.

Percent of Grade 5 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 5 students demonstrated proficiency on the Science MCA-IV?



Dainton's score of 531 shows evidence of learning at the **Beginning** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.

A grade 5 student with a score at the Beginning level shows evidence of being able to:

- Explain natural phenomena and design solutions to problems using basic science practices, concepts and ideas.
- Restate questions, conduct simple investigations, label models, observe patterns, and select evidence that supports a claim.
- Identify criteria, constraints, and impacts of design solutions.

Performance in Grade 5 Practices in Science

Dainton's performance is also reported for three areas of the Minnesota Academic Standards in Science.

Additional Performance Details Practices in Earth Students with performance at or near expectations for Practices in Earth and Space Science and Space typically show evidence of being able to: Science Analyze data to describe daily and seasonal daylight patterns. Explain how Minnesota American Indian Tribes and other cultures use star patterns to understand the natural world. • Develop models showing the interaction of water within Earth's systems. Your student's · Identify and compare solutions to address weathering and erosion and their effects on performance: Earth's surface. • Evaluate strategies to reduce the impact of Earth processes on humans. Use multiple sources to explore human impacts on the environment and emphasize the At or Near importance of sustainable natural resource use. **Expectations** Practices in Life Students with performance below expectations for Practices in Life Science typically show Science evidence of being able to: · Label and compare models of organism life cycles. • Identify structures in plants and animals that support survival. • Investigate how plants need water, sunlight, and air to grow. Your student's Recognize feeding relationships in food chains. performance: Describe inherited traits in plants and animals and explain how some traits may be similar to or different from their parents. Explain how animals live in groups to survive and how traits can be influenced by surrounding environments. **Below** Gather evidence showing how an organism's traits can determine survival in specific **Expectations** habitats. Identify human solutions to environmental challenges affecting plant and animal survival. Students with performance below expectations for Practices in Physical Science typically Practices in show evidence of being able to: Physical Science · Identify evidence showing that substances have different properties and that mixing substances can create a new substance.

- Observe that matter exists in different phases.
- Explore questions about electrical or magnetic interactions between objects, even without contact, and if magnets cause push or pull forces.
- Recognize that speed is related to an object's energy.
- Analyze data showing how energy moves between objects and observe how light interacts with materials.
- Use a model to show that objects can be seen when light is present.

How to request this report in a translated language or an alternative format:

Your student's

performance:

Expectations

Below



Aston L. Ryan

School Two District One

Spring 2025 Grade 8



These are Aston's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.



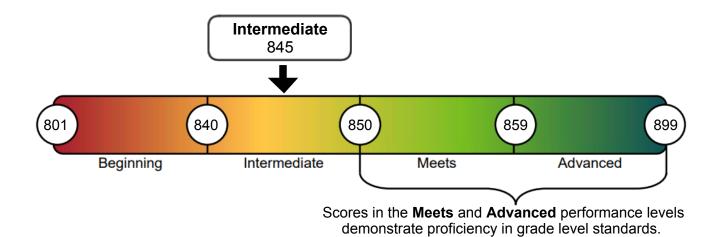
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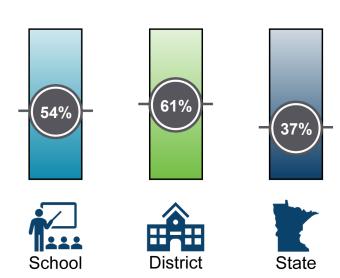
Science: Aston's Overall MCA-IV Results

Aston's score of 845 shows evidence of learning at the **Intermediate** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.



Percent of Grade 8 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 8 students demonstrated proficiency on the Science MCA-IV?



Aston's score of 845 shows evidence of learning at the Intermediate level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.

A grade 8 student with a score at the Intermediate level shows evidence of being able to:

- Explain natural phenomena and design solutions to problems using science practices and concepts.
- Ask testable questions, conduct investigations to collect evidence, explain models, compare data, and connect evidence to claims.
- Evaluate design solutions based on criteria, constraints, and impacts.

Performance in Grade 8 Practices in Science

Aston's performance is also reported for three areas of the Minnesota Academic Standards in Science.

Additional Performance Details Practices in Earth Students with performance at or near expectations for Practices in Earth and Space Science and Space typically show evidence of being able to: Science • Evaluate models and develop testable questions about the relative ages of Earth's rock • Explain the patterns of movement of objects in the solar system. Your student's · Collect data to analyze weather conditions based on air mass movement. performance: • Create models to explain fossil formation, rock cycling, and past plate movements. • Collect and interpret data on factors influencing the rise in global temperatures. • Examine the uneven distribution of Earth's mineral and energy resources. At or Near Compare various solutions to reduce human and natural impacts on the environment. **Expectations** Practices in Life Students with performance below expectations for Practices in Life Science typically show Science evidence of being able to: Use models to identify the functions and interactions of cell parts and explain how cell processes support the growth, reproduction, and survival of organisms. Your student's • Recognize evidence of the cycling of matter and the movement of energy in ecosystems. performance: • Identify how Minnesota American Indian Tribes observe interactions between organisms. • Compare models of sexual and asexual reproduction to show effects on genetic variation. · Identify how genetic changes affect organisms' survival and reproduction in specific environments. **Below** Identify data patterns showing increasing diversity of life forms over Earth's history. **Expectations** Students with performance at or near expectations for Practices in Physical Science typically show evidence of being able to: Analyze data showing the properties of matter and transfer of energy. Practices in Evaluate sources of information to show how synthetic materials from natural resources **Physical Science** impact society. · Design investigations showing how changes in motion relate to an object's mass and the forces acting on it. Explain, using evidence, that energy fields exist between objects and that forces can act Your student's at a distance. performance: · Generate experimental evidence showing that changes in the amount of energy are related to the transfer of energy from one form to another. • Use mathematical concepts to relate kinetic energy to mass and speed. At or Near

How to request this report in a translated language or an alternative format:

information.

interactions with different substances.

Expectations

If your home language has been reported to your student's school, a QR code may be included on page 1 to a video with translated audio and/or captions. This ISR report format may also be made available in another translated language or an alternative format, such as large print, braille, or as an audio file. Contact MDE by email at mde.testing@state.mn.us, by phone 651-582-8674 or by fax 651-582-8874. TTY users may call the Minnesota Relay Service at 711.

Develop models showing the relationships between wave properties, energy, and

· Use information to support claims about the reliability of digital signals in transmitting



Alford A. Miller School One District One

Spring 2025 Grade 10



These are Alford's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

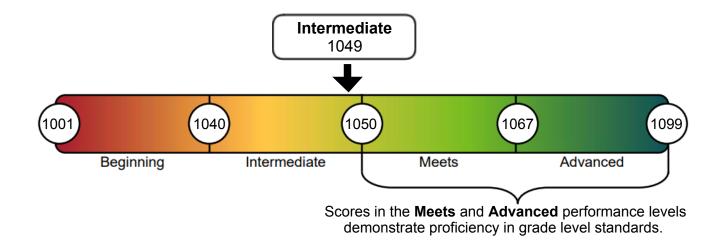


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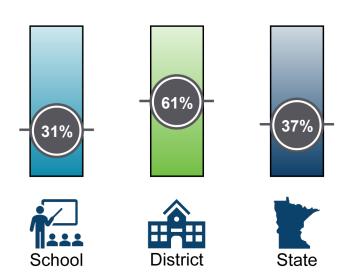
Science: Alford's Overall MCA-IV Results

Alford's score of 1049 shows evidence of learning at the **Intermediate** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.



Percent of High School Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of high school students demonstrated proficiency on the Science MCA-IV?



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Alford's score of 1049 shows evidence of learning at the **Intermediate** level for grade-level expectations in science. The Science MCA measures learning of the Minnesota Academic Standards in Science.

A high school student with a score at the Intermediate level shows evidence of being able to:

- Apply science and engineering practices to explain phenomena and design solutions to problems.
- Select testable questions, conduct investigations, explain models, and use mathematics to compare data.
- Connect arguments to evidence and evaluate solutions to problems considering the impacts on people and the environment.

Performance in High School Practices in Life Science

Alford's performance is also reported for four areas of the Minnesota Academic Standards in Science.

Additional Performance Details

Practices in Life Science 1: Molecules to Organisms

Your student's performance:

At or Near Expectations

Students with performance at or near expectations for Practices in Life Science 1: **Molecules to Organisms** typically show evidence of being able to:

- Design an investigation to collect evidence showing how organisms maintain homeostasis.
- Create models to illustrate the relationships between interacting systems in multicellular organisms that convert resources into molecules and energy needed to sustain life processes.

Practices in Life Science 2:

Ecosystems
Vour student's

Your student's performance:

At or Near Expectations

Students with performance at or near expectations for Practices in Life Science 2: **Ecosystems** typically show evidence of being able to:

- Analyze evidence showing how group behavior affects the survival and reproduction of a species.
- Use information to explain how Minnesota American Indian Tribes develop solutions to reduce threats to biodiversity.
- Use mathematical models to explain the roles of photosynthesis and cellular respiration in the carbon cycle.
- Analyze data to evaluate explanations of the factors that cause changes in ecosystems.
- Compare claims of human impacts on ecosystems.

Practices in Life Science 3: Heredity

Your student's performance:

Above Expectations

Students with performance above expectations for Practices in Life Science 3: Heredity typically show evidence of being able to:

- Create questions to clarify the role of DNA, chromosomes, and proteins in regulating the expression of traits passed from parents to offspring.
- Apply probability concepts to evaluate how environmental factors affect complex patterns in traits expressed in a population.
- Compare and evaluate competing claims about the origins and effects of inherited genetic variations.

Practices in Life Science 4: Biological Evolution

Your student's performance:

At or Near Expectations

Students with performance at or near expectations for Practices in Life Science 4: Biological Evolution typically show evidence of being able to:

- Analyze data to explain how populations with advantageous inherited traits increase while those without these traits decrease.
- Predict how environmental changes could alter trait distribution or cause traits to disappear.
- Construct an explanation, using multiple lines of evidence, that demonstrates how natural selection leads to the adaptation of populations.

How to request this report in a translated language or an alternative format:



Lana S. Evans

School Two District One

Spring 2025 Grade 8



These are Lana's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.



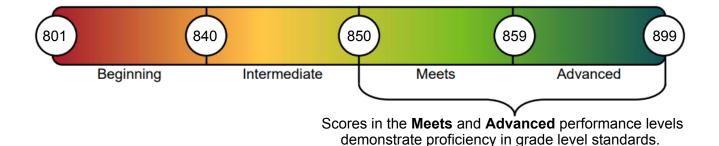
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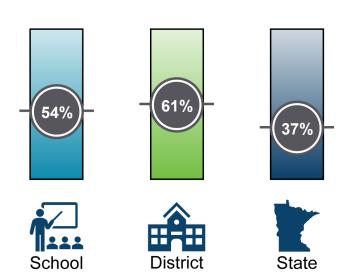
Science: Lana's Overall MCA-IV Results

Lana did not participate in the test. The student was absent during the testing window for this subject. Please contact your student's school for further information.



Percent of Grade 8 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 8 students demonstrated proficiency on the Science MCA-IV?



No Test Data Available

Performance in Grade 8 Practices in Science

Additional Performance Details
No Test Data Available
No Test Data Available
No Test Data Available

How to request this report in a translated language or an alternative format:



Jordan K. Clark

School One **District Two**

Spring 2025 Grade 5



These are Jordan's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

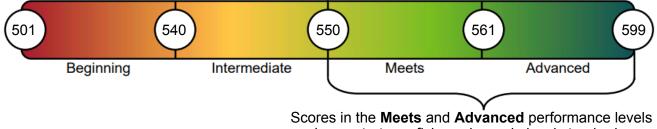


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Science: Jordan's Overall MCA-IV Results

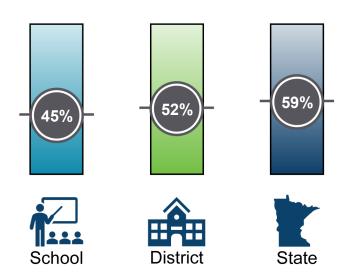
Jordan did not participate in the test. No test scores are available. The student had a medical excuse during the testing window for this subject. Please contact your student's school for further information.



demonstrate proficiency in grade level standards.

Percent of Grade 5 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 5 students demonstrated proficiency on the Science MCA-IV?



No Test Data Available

Performance in Grade 5 Practices in Science

Additional Performance Details
No Test Data Available
No Test Data Available
No Test Data Available

How to request this report in a translated language or an alternative format:



Joey P. Lang School One District Two

Spring 2025 Grade 5



These are Joey's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.



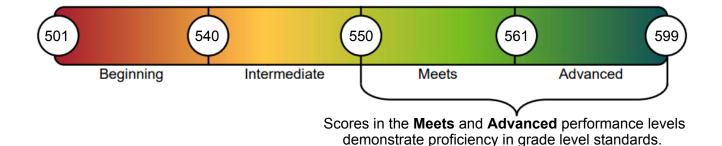
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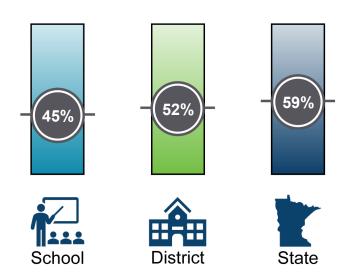
Science: Joey's Overall MCA-IV Results

Joey did not participate in the test. The student did not attempt the test for this subject. Please contact your student's school for further information.



Percent of Grade 5 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 5 students demonstrated proficiency on the Science MCA-IV?



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No Test Data Available

Performance in Grade 5 Practices in Science

Additional Performance Details
No Test Data Available
No Test Data Available
No Test Data Available

How to request this report in a translated language or an alternative format:



Alexia K. Gray

School Two District One

Spring 2025 **Grade 8**



These are Alexia's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

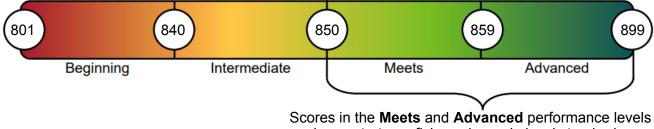


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Science: Alexia's Overall MCA-IV Results

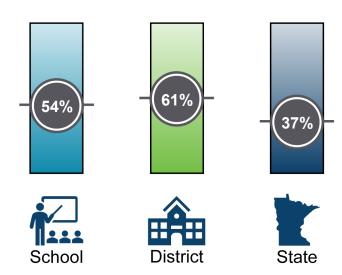
Alexia did not complete the test. No score is available. The student did not complete a sufficient number of items to receive a score. Please contact your student's school for further information.



demonstrate proficiency in grade level standards.

Percent of Grade 8 Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of grade 8 students demonstrated proficiency on the Science MCA-IV?



No Test Data Available

Performance in Grade 8 Practices in Science

Additional Performance Details
No Test Data Available
No Test Data Available
No Test Data Available

How to request this report in a translated language or an alternative format:



Amanda B. Andrews

School One District One

Spring 2025 Grade 10



These are Amanda's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

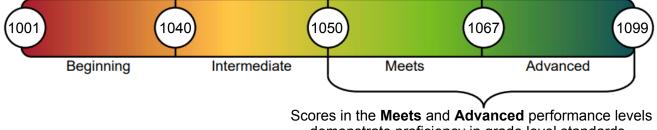


Scan the QR code to access a video about the new science assessments. For more information, go to the MDE Students and Families Statewide Testing Assessment Results website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).



Science: Amanda's Overall MCA-IV Results

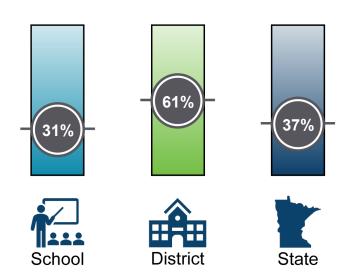
Amanda did not participate in the test. Test records indicate the student was not enrolled during the testing window for this subject at the school. Please contact your student's school for further information.



demonstrate proficiency in grade level standards.

Percent of High School Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of high school students demonstrated proficiency on the Science MCA-IV?



No Test Data Available

Performance in High School Practices in Life Science

	Additional Performance Details		
Practices in Life Science 1: Molecules to Organisms Your student's	No Test Data Available		
performance:	No Test Data Available		
Practices in Life Science 2: Ecosystems			
Your student's performance:	No Test Data Available		
Practices in Life Science 3: Heredity			
Your student's performance:	No Test Data Available		
Practices in Life Science 4: Biological Evolution			
Your student's performance:	No Test Data Available		

How to request this report in a translated language or an alternative format:



Miranda A. Taylor

School One District One

Spring 2025 Grade 10



These are Miranda's results from the Science Minnesota Comprehensive Assessment (MCA-IV) taken in the spring of 2025.

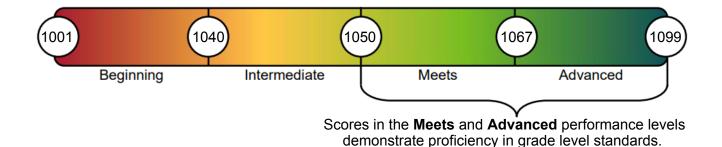


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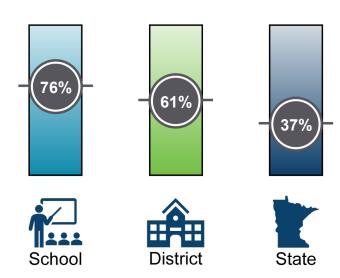
Science: Miranda's Overall MCA-IV Results

Miranda tested in the wrong grade. Test records indicate the student was tested at the wrong grade for this subject at the school. Please contact your student's school for further information.



Percent of High School Students Showing Proficiency in Grade-Level Standards on the 2025 Science MCA-IV

What percentage of high school students demonstrated proficiency on the Science MCA-IV?



No Test Data Available

Performance in High School Practices in Life Science

	Additional Performance Details
Practices in Life Science 1: Molecules to Organisms Your student's performance:	No Test Data Available
Practices in Life Science 2: Ecosystems Your student's performance:	No Test Data Available
Practices in Life Science 3: Heredity Your student's performance:	No Test Data Available
Practices in Life Science 4: Biological Evolution Your student's performance:	No Test Data Available

How to request this report in a translated language or an alternative format: