

# Guía rápida del Informe individual del estudiante (ISR) de MCA para ciencias

Se generan los Informes individuales del estudiante (o ISR) para los estudiantes que se espera tomen una evaluación estatal. El ISR provee información acerca del desempeño del estudiante y su aprendizaje de los Estándares Académicos de Minnesota.

La prueba MCA-IV de ciencias se administra a los estudiantes en los grados 5 y 8 y en el año en que se completa el curso de ciencias de la vida en la escuela secundaria.

Comenzando en el año 2024–2025, cada materia y prueba aparece en un ISR separado.

Para los estudiantes que no participaron, el ISR muestra por qué no se incluyen los resultados (por ejemplo, por ausencia o por no terminar la evaluación).

**m DEPARTMENT OF EDUCATION** Alfred A. Dixon School One District Three **1** Spring 2025 Grade 5

**MCA Sci Gr 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 [MDE Students and Families Statewide Testing Assessment Results](https://education.mn.gov) website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results). **2**

**3** **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.

501 Beginning 540 Intermediate 550 Meets 570 Advanced 599

Advanced 572

Scores in the **Meets** and **Advanced** performance levels demonstrate proficiency in grade level standards.

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**5** **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?

Level	Percentage
School	28%
District	27%
State	59%

education.mn.gov MARSS/SSID:0001000169766 Local Use#:10077 Page 1 of 2 06132025-20000001-4162-07-10-0000001

1. Información demográfica del estudiante— Nombre del estudiante, grado, escuela, distrito, fecha y evaluación.
2. Descripción de las nuevas evaluaciones de ciencias— Puede acceder a un video de descripción escaneando el código QR que está impreso en el informe o contactando la escuela del estudiante para solicitar el enlace. El video también puede estar disponible en el idioma usado en el hogar, según los datos de inscripción del estudiante, si se especificó.
3. Resultados generales— Una descripción de la puntuación del estudiante y del nivel de desempeño basada en las expectativas del nivel del grado de los Estándares Académicos de Minnesota.
4. Nivel de desempeño— La gráfica de barras muestra la puntuación general del estudiante en el rango de los niveles de desempeño. Hay cuatro niveles de desempeño: Principiante, Intermedio, Cumple y Avanzado.
5. Dominio de la escuela, el distrito y el estado— Porcentaje de estudiantes que demuestran dominio de los estándares del nivel del grado en la MCA-IV de ese año a nivel escolar, distrital y estatal.



La información para los estudiantes y las familias está disponible en el sitio web **Resultados de las evaluaciones estatales del MDE** (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).

### Your Student's Overall Performance

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.

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### 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

<p>Practices in Earth and Space Science</p> <p>Your student's performance:</p> <p><b>7</b></p> <p><b>Above Expectations</b></p>	<p>Students with performance <b>above expectations for Practices in Earth and Space Science</b> typically show evidence of being able to:</p> <ul style="list-style-type: none"> <li>• Evaluate data to explain how Earth's rotation and the Earth/Moon/Sun system influence seasonal daylight patterns.</li> <li>• Analyze how Minnesota American Indian Tribes and other cultures interpret star patterns to make predictions and plan.</li> <li>• Evaluate models to understand how Earth's systems interact with each other.</li> <li>• Design solutions to lessen the effects of weathering, erosion, and Earth processes.</li> <li>• Collect and interpret data on how Earth's surface has changed over time.</li> <li>• Use evidence to evaluate human impacts on natural resources emphasizing sustainable resource use.</li> <li>• Compare multiple technologies that minimize environmental effects on humans.</li> </ul>
<p>Practices in Life Science</p> <p>Your student's performance:</p> <p><b>Above Expectations</b></p>	<p>Students with performance <b>above expectations for Practices in Life Science</b> typically show evidence of being able to:</p> <ul style="list-style-type: none"> <li>• Construct evidence-based explanations showing how variations in inherited traits provide survival advantages, making them more common.</li> <li>• Develop solutions to address environmental changes that threaten the survival of organisms.</li> <li>• Argue that traits vary among group members and are influenced by the environment.</li> <li>• Use media sources to explain inheritance patterns in organisms.</li> <li>• Refine models of matter and energy movement in ecosystems and diverse organism life cycles.</li> <li>• Analyze how resources affect populations and how animal groups use complex communication strategies to survive interdependently.</li> <li>• Use evidence to argue that plant and animal structures support survival in various ways.</li> <li>• Refine an investigation showing how plants produce food from sunlight, air, and water.</li> </ul>
<p>Practices in Physical Science</p> <p>Your student's performance:</p> <p><b>Above Expectations</b></p>	<p>Students with performance <b>above expectations for Practices in Physical Science</b> typically show evidence of being able to:</p> <ul style="list-style-type: none"> <li>• Refine investigations to identify substances by their properties before and after they are combined to determine if a chemical reaction has occurred.</li> <li>• Evaluate models demonstrating that matter has observable effects even if it is too small to be seen.</li> <li>• Predict answers to testable questions about electric or magnetic interactions between objects.</li> <li>• Use evidence to predict relationships between speed, energy, and other forces.</li> <li>• Interpret data showing how energy can be stored, released, and transferred.</li> <li>• Compare experiments predicting how light interacts with different materials.</li> <li>• Create models to show how light properties affect visibility and how light reflects to enter the eye.</li> </ul>

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

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](mailto: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.

6. Desempeño general— Una descripción del desempeño general del estudiante con detalles adicionales de los Estándares Académicos de Minnesota para ciencias.

7. Detalles del desempeño en el área de contenido— El desempeño dentro de cada área de contenido se informa como por debajo de las expectativas, dentro o cerca de las expectativas, o superior a las expectativas. Los grados 5 y 8 incluyen tres áreas de contenido y la escuela secundaria incluye cuatro áreas de contenido de los Estándares Académicos de Minnesota en ciencias.

8. Información de contacto— Para solicitar el informe en un formato alternativo o una traducción a otro idioma, por favor contacte al Departamento de Educación de Minnesota.