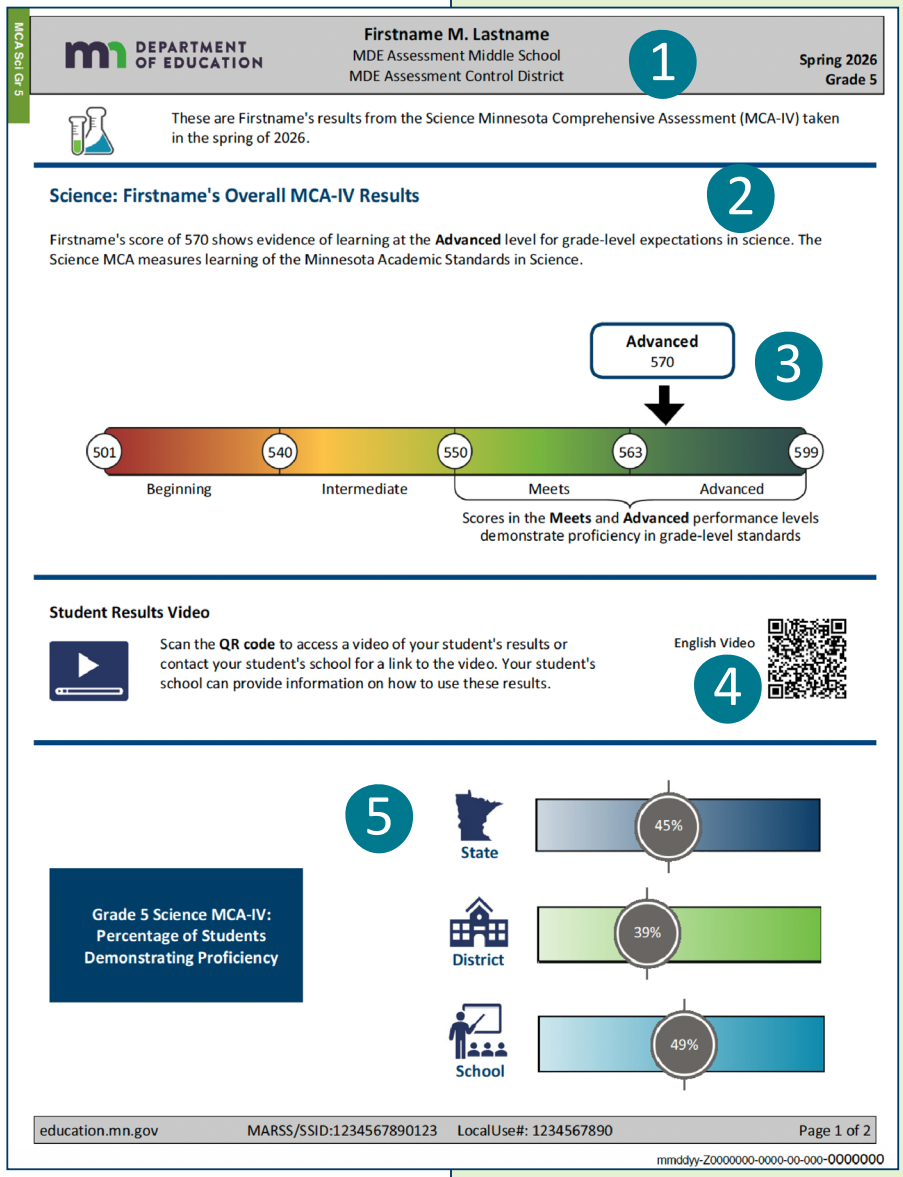
Guía rápida del Informe individual del estudiante (ISR) de MCA para ciencias

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.

El MCA-IV para ciencias se administra a los estudiantes en los grados 5 y 8, así como durante el año escolar en que completan el curso de ciencias biológicas de la escuela secundaria.

Cada materia y prueba aparece en un ISR separado. Si su estudiante no participó, el ISR muestra por qué no se incluyen los resultados (por ejemplo, ausente o no completada).



1. Información demográfica del estudiante—Nombre del estudiante, grado, escuela, distrito, fecha y evaluación.
2. Resultados generales—Descripción de la puntuación y nivel de desempeño del estudiante según las expectativas del nivel de grado de los Estándares Académicos de Minnesota.
3. Nivel de desempeño—La gráfica de barras muestra la puntuación general del estudiante en el rango de niveles de desempeño. Hay cuatro niveles de desempeño: Principiante, Intermedio, Satisfactorio y Avanzado.
4. Video con los resultados del estudiante—Está disponible un informe en video personalizado para cada estudiante con una puntuación válida. Puede acceder al video escaneando el código QR único que está impreso en el informe. El video también puede estar disponible en el idioma usado en el hogar, según los datos de inscripción del estudiante, si se especificó a la escuela o distrito del estudiante.
5. Nivel de dominio a nivel escuela, distrito y estado—Porcentaje de estudiantes en el estado, distrito y escuela que muestran dominio en el grado de su estudiante. Las puntuaciones en los niveles de desempeño Satisfactorio y Avanzado muestran dominio de los estándares correspondientes al nivel del grado.

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

MCA Sci Gr 5

Your Student's Overall Performance

Firstname's score of 570 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:

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- 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

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

Additional Performance Details	
Practices in Earth and Space Science Your student's performance: **At or Near Expectations**	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. • 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 Your student's performance: **At or Near Expectations**	Students with performance **above expectations for Practices in Life Science** typically show 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 Your student's performance: **At or Near Expectations**	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.

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

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If a QR code is present on page 1, a video summary of your student's results may be available. If a home language was reported to your student's school or district, an audio translation with captions may be available. This report may also be made available in an accessible format, such as large print, braille, or as an audio file. Contact MDE by email at mde.testing@state.mn.us or by phone at 651-582-8674. 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 en Ciencias.

7. Detalles del desempeño del área de contenido—El desempeño en 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 tienen tres áreas de contenido de los Estándares Académicos de Minnesota en Ciencias.

8. Información de contacto—Para solicitar el informe en un formato alternativo o traducido a otro idioma, por favor contacte al Departamento de Educación de Minnesota por correo electrónico a mde.testing@state.mn.us, por teléfono al 651-582-8674, o visite el sitio MDE StatewideTesting (education.mn.gov > Districts, Schools and Educators > Statewide Testing > Teaching and Learning > Statewide Testing).