

MCA Daim Ntawv Sau Qhia Txog Tus Tub Ntxhais Kawm Ntawv Tus Kheej (ISR) Phau Ntawv Qhia Sai rau Kev Kawm Fab Kev Tshawb Fawb


Cov Ntawv Tshaj Qhia Txog Tus Tub Ntxhais Kawm Ntawv Ib Tug Kheej (los sis ISRs) yog tau tsim tawm los rau txhua tus tub ntxhais kawm ntawv uas xav tias yuav tuaj xeem ntawv thoob plaws lub xeev. ISR muab cov ntaub ntawv qhia paub txog koj tus tub ntxhais kawm qhov kev kawm tau zoo thiab kawm paub txog Minnesota Cov Qauv Cai Fab Kev Kawm.

Kev Kawm Fab Kev Tshawb Fawb MCA yog tau muab rau cov tub ntxhais kawm nyob rau qib kawm 5 thiab 8 thiab nyob rau xyoo kawm tiav hom kawm fab kev tshawb fawb txog kev ua neej ntawm tsev kawm ntawv qib siab.

Pib nyob rau xyoo 2024–25, txhua yam kawm thiab kev xeem yuav tshwm nyob rau hauv ISR uas nyias nyob nyias.

Yog tias koj tus tub ntxhais kawm ntawv tsis tuaj koom, ISR yuav qhia tias vim li cas thiaj tsis tuaj koom (piv txwv li, qhaj ntawv los sis ua tsis tiav qhov kev xeem).

MCA 5




DEPARTMENT OF EDUCATION


Alfred A. Dixon
School One
District Three

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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 [MDE Students and Families Statewide Testing Assessment Results](#) website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).

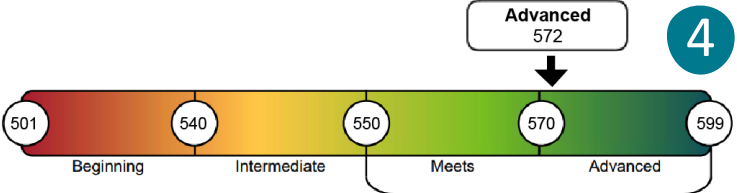
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Science: Alfred's Overall MCA-IV Results

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.




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

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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?

28%




School

27%



District

59%



State

education.mn.gov
MARSS/SSID:0001000169766
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1. Tub Ntxhais Kawm Li Ntaub Ntawv Qhia Paub—Tub Ntxhais Kawm Lub Npe, Qib Kawm, Tsev Kawm Ntawv, Cheeb Tsam, Hnub Tim, thiab Kev Ntsuam Xyuas.
2. Kev Nthuav Qhia Thoob Plaws Txog Cov Kev Xeev Ntawv Txog Kev Kawm Fab Kev Tshawb Fawb Tshiab—Tuaj yeem nkag mus saib tau daim vis dis aus nthuav qhia thoob plaws los ntawm kev thaj tus khauj QR uas muab luam tawm nyob rau hauv daim ntawv tshaj qhia los sis txuas lus rau koj tus tub ntxhais kawm ntawv lub tsev kawm ntawv kom muab txoj kab txuas nkag mus rau koj. Tej zaum daim vis dis aus kuj yuav muaj ua hom lus hais hauv tsev raws li tus tub ntxhais kawm ntawv cov ntaub ntawv thaum tuaj tso npe kawm, yog tias qhia paub meej.
3. Cov Tshwm Sim Tawm Los Uas Xam Tag Nrho—Qhov kev piav qhia txog koj tus tub ntxhais kawm tus qhab nia thiab them kev kawm tau zoo uas saib raws li cov kev vam nyob rau qib kawm ntawm Minnesota Cov Qauv Cai Fab Kev Kawm.
4. Them Kev Kawm Tau Zoo—Txoj kab qhia pom txog koj tus tub ntxhais kawm tus qhab nia xam tag nrho nyob rau ncuva them kev kawm tau zoo. Muaj plaub them kev kawm tau zoo: Them Pib, Them Nrab, Them Ua Tau Zoo, thiab Them Siab
5. Kev Txawj Ntse Qib Tsev Kawm Ntawv, Qib Cheeb Tsam, thiab Qib Xeev—Feem pua ntawm cov tub ntxhais kawm uas qhia ua rau pom txog kev txawj ntse nyob rau hauv cov qauv cai qib kawm nyob rau hauv MCA-IV ntawm lub xyoo ntawd nyob rau qib tsev kawm ntawv, qib hauv cheeb tsam, thiab qib xeev.

Cov ntaub ntawv qhia paub muab rau cov tub ntxhais kawm ntawv thiab cov tsev neeg yuav muaj nyob hauv [MDE Statewide Testing Students and Families Assessment Results](#) lub vev xaib (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>7</p> <p>Above Expectations</p>	<p>Students with performance above expectations for Practices in Earth and Space Science typically show evidence of being able to:</p> <ul style="list-style-type: none"> • 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.
<p>Practices in Life Science</p> <p>Your student's performance:</p> <p>Above Expectations</p>	<p>Students with performance above expectations for Practices in Life Science typically show evidence of being able to:</p> <ul style="list-style-type: none"> • 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.
<p>Practices in Physical Science</p> <p>Your student's performance:</p> <p>Above Expectations</p>	<p>Students with performance above expectations for Practices in Physical Science typically show evidence of being able to:</p> <ul style="list-style-type: none"> • 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:

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.

6. Kev Kawm Tau Zoo Uas Xam Tag Nrho—Qhov kev piav qhia txog koj tus tub ntxhais kawm qhov kev kawm tau zoo uas xam tag nrho uas muaj cov ntsiab lus ntxaws ntxiv los ntawm Minnesota Cov Qauv Cai Fab Kev Kawm nyob rau Kev Kawm Fab Kev Tshawb Fawb.
7. Cov Ntsiab Lus Ntxaws Txog Kev Kawm Tau Zoo Ntawm Cheeb Tsam Ntsiab Lus—Yuav muaj kev tshaj qhia txog kev kawm tau zoo nyob rau hauv txhua cheeb tsam ntsiab lus ua qis zog cov kev vam tseg, txog li los sis ze rau cov kev vam tseg, los sis siab dua cov kev vam tseg. Qib kawm 5 thiab 8 muaj peb cheeb tsam ntsiab lus thiab tsev kawm ntawv qib siab muaj plaub cheeb tsam ntsiab lus raws li Minnesota Cov Qauv Cai Fab Kev Kawm nyob rau Kev Kawm Fab Kev Tshawb Fawb.
8. Cov Ntaub Ntawv Txuas Lus—Txhawm rau thov daim ntawv tshaj qhia ua lwm tus qauv ntawv los sis hom lus uas tau txhais, thov txuas lus rau Minnesota Lub Tuam Tsev Hauj Lwm Ntsig Txog Kev Kawm (Department of Education).