

Hagaha Degdegga ah ee Warbixinta Ardayga (ISR) ee Imtixaanka Sayniska ee MCA


Warbixinaha Ardayga Goonida ah (ISR-yada) waxaa loo sameeyaa arday kasta oo la filayo inuu qaato imtixaan heer qaran ah. ISR wuxuu bixiyaa macluumaad ku saabsan waxqabadka ardayga iyo barashada heerarka tacliinta ee Minnesota.

Imtixaanka Sayniska MCA-IV waxaa laga qaadaa ardayda fasallada 5aad iyo 8aad, iyo sannadka ay dhammaystiraan koorsada Sayniska Nolasha ee dugsiga sare.

Laga bilaabo sanadka 2024–25, maaddo kasta iyo imtixaan kasta waxay ku jiri doonaan Warbixin Ardayeed (ISR) oo gooni ah.

Haddii ardaygaagu uusan ka qaybgelin imtixaanka, warbixinta ISR-ka waxay muujin doontaa sababta natiijooyinka aan loogu darin (tusaale ahaan, maqnaansho ama in ardayga imtixaanka idil sameynin).


MCA Sci Gr 5




Alfred A. Dixon
School One
District Three

1


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](https://education.mn.gov/StudentsandFamilies/StatewideTestingAssessmentResults) website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).

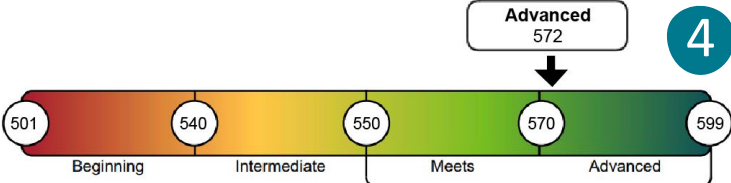


2

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.




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


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?



School



District



State

education.mn.gov
MARSS/SSID:0001000169766
Local Use#:10077
Page 1 of 2

06132025-20000001-4162-07-10-0000001

1. Xogta macluumaadka ardayga—Magaca Ardayga, Fasalka, Iskuulka, Degmada, Taariikhda, iyo Imtixaanka qiimeynta.
2. Guudmar ku Saabsan Imtixaannada Cusub ee Sayniska—Fiidiyowga guud waxaa lagu arki karaa adigoo iskaanka ku baaraya koodhka QRka ee ku qoran warbixinta ama la xiriiir iskuulka ardaygaaga si aad u hesho xiriiriyaha. Fiidiyowga waxaa sidoo kale lagu heli karaa luqadda guriga iyadoo lagu saleynayo xogta ardayga ee diiwaangelinta, haddii la cayimay.
3. Natiijooyinka Guud —Sharaxaad ku saabsan dhibcaha ardaygaada iyo heerka waxqabadka ee ku saleysan heerka fasalka ee laga filayo Heerarka Waxbarashada ee Minnesota.
4. Heerka waxqabadka—Jaantuska garaafka wuxuu muujinayaa dhibcaha guud ee ardaygaaga iyadoo lagu saleynayo heerarka waxqabadka. Waxaa jira afar heer oo waxqabad ah: Waxbarashada bilowga ah, dhexe, heerka koowaad, iyo heerka sare.
5. Iskuulka, Degmada, iyo heerka gobolka —Boqolkiiba ardayda muujisay xirfad buuxda oo ku saleysan heerarka fasalka ee sanadkaas MCA-IV, heerarka iskuulka, degmada, iyo gobolka.



Macluumaadka loogu talagalay ardayda iyo qoysaska waxaa laga heli karaa bogga internetka ee **MDE Statewide Testing Students and Families Assessment Results** boga (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.

6

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>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.

7

8

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. Guud ahaan Waxqabadka —Sharaxaad ku saabsan waxqabadka guud ee ardaygaada oo ay la socdaan faahfaahin dheeraad ah oo laga helay heerarka aqooneed ee Minnesota ee cilmiga.
7. Faahfaahinta Waxqabadka Aagga Macluumaadka —Waxqabadka aagga macluumaad kasta waxaa lagu soo warramaa inuu ka hooseeyo filashooyinka, uu ku dhow yahay ama ka sarreeyo filashooyinka. Fasalada 5aad iyo 8aad waxaa ku jira saddex qaybood oo maadooyin ah iyo dugsigga sare waxaa ku jira afar qaybood oo maadooyin ah oo ka mid ah Heerarka Aqoonyahanka ee Minnesota ee Sayniska.
8. Macluumaadka Xiriirka —Si aad u codsato warbixinta qaab kale ama luuqad kale lagu turjumay, fadlan la xiriir Waaxda Waxbarashada ee Minnesota.