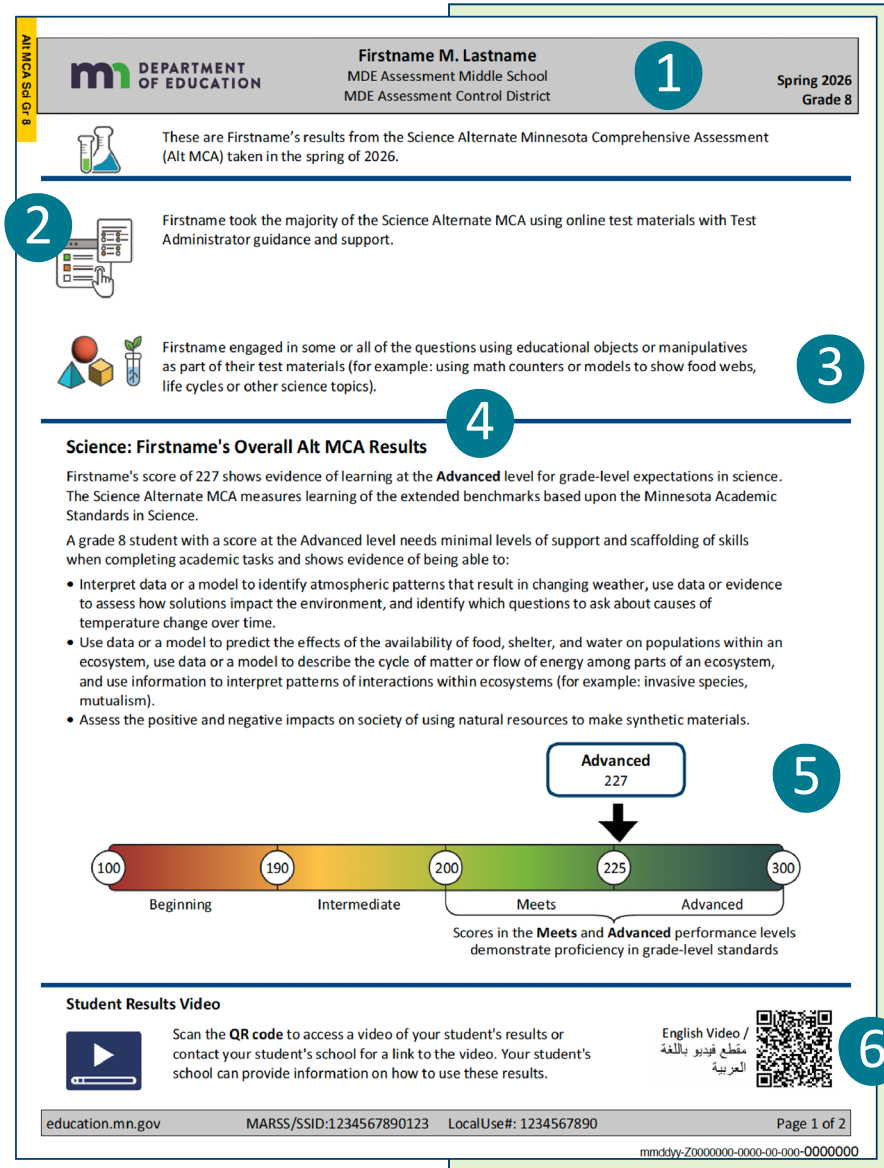
Kev Kawm Fab Kev Tshawb Fawb Alt MCA Daim Ntawv Sau Qhia Txog Tus Tub Ntxhais Kawm Ntawv Tus Kheej (ISR) Phau Ntawv Qhia Sai

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 Faj Seeb MCA (Alt MCA) tej zaum yuav raug siv los hloov MCA rau cov tub ntxhais kawm uas muaj kev xiam oob qhab fab kev txawj ntse loj tshaj plaws. Alt MCA yog tau muab rau qib kawm 5 thiab 8 thiab nyob rau xyoo kawm tiav hom kawm fab kev tshawb fawb txog txoj sia ntawm tsev kawm ntawv qib siab.

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).

1. Tub Ntxhais Kawm Li Ntaub Ntawv Qhia Paub—Koj tus tub ntxhais kawm lub npe, qib kawm, tsev kawm ntawv, koog tsev kawm ntawv, xyoo xeem ntawv, thiab kev ntsuam xyuas.
2. Tus Qauv Kev Muab—Alt MCA Kev Kawm Fab Kev Tshawb Fawb tuaj yeem muab tau nyob rau hauv oos lais, nyob rau hauv daim ntawv, los sis sib xyaws ua ob yam tib si. Yuav muaj kev qhia tseg txog tus qauv uas koj tus tub ntxhais kawm tau siv. Yog tias koj tus tub ntxhais kawm qhov kev xeem xaus ua ntej, ces kuj yuav muab qhia tseg rau ntawm no.



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).

3. Kev Siv Cov Khoom Siv Rau Fab Kev Kawm—Yuav muaj kev piav qhia tias seb puas tau siv cov khoom siv los sis cov cuab yeej nyob rau ncua sij hawm ua qhov kev xeem.
4. Cov Tshwm Sim Tawm Los Uas Xam Tag Nrho—Qhov kev piav qhia txog koj tus tub ntxhais kawm qhov kev kawm tau zoo thiab kev kawm paub txog cov qauv cai ntsuas uas tau nthuav dav ntawm Minnesota Cov Qauv Cai Fab Kev Kawm.
5. Theem Kev Kawm Tau Zoo—Txoj kab qhia pom txog koj tus tub ntxhais kawm tus qhab nia xam tag nrho nyob rau ncua theem kev kawm tau zoo. Muaj plaub theem kev kawm tau zoo: Theem Pib, Theem Nrab, Theem Ua Tau Zoo, thiab Theem Siab.
6. Daim Vis Dis Aus Qhia Txog Cov Tshwm Sim Tawm Los Ntawm Tub Ntxhais Kawm—Cov tub ntxhais kawm uas muaj qhab nia xeem yuav muaj daim vis dis aus ISR ntiag tug nrog rau qhov kev xaus lus txog lawv li kev ua tau ntawm qhov kev xeem uas tuaj yeem saib tau los ntawm kev thaij tus khauj QR uas tsis thooj li lwm tus nyob rau hauv daim ntawv tshaj tawm. Daim vis dis aus tej zaum kuj muaj ua hom lus uas hais ntawm tsev saib raws li tus tub ntxhais kawm cov ntaub ntawv sau npe yog tias tau tshaj tawm rau koj tus tub ntxhais kawm lub tsev kawm ntawv los sis koog tsev kawm ntawv.

Grade 8 Science Alt MCA: Percentage of Students Demonstrating Proficiency

7

In spring 2026, **45%** of the grade 8 students in Minnesota who took the Science Alt MCA performed at the meets and advanced levels. Performing at these levels demonstrates proficiency in the knowledge and skills described in the extended benchmarks of the academic standards.



Performance Related to Cognitive Complexity

On the Science Alt MCA, each task has three questions that have an increasing level of cognitive complexity. Question complexity can depend on many variables, including how many answer options there are and how much support the question provides with pictures or graphs. This section shows how your student is doing on questions with increasing levels of complexity. Complexity levels are reported as points earned out of points possible.

8 9 10

Complexity Level	Content Descriptions	Points Earned/ Points Possible
Low	Questions at this level generally require students to: • Identify weather conditions. • Identify producers, consumers, and decomposers within an ecosystem. • Identify that synthetic materials are made from natural resources. • Identify what indicates a chemical change. • Identify human activities that affect temperature over time. • Identify human impact on the environment. • Identify that plants and animals are made of cells and are different. • Identify the predator of a given animal. • Identify that living things need food, water and shelter to survive.	**5 / 9**
Middle	Questions at this level generally require students to: • Identify patterns resulting in weather changes. • Identify a solution that minimizes human impact on the environment. • Identify the effects of the availability of food, water and shelter on a living thing. • Identify the movement of energy among living things within a food chain or web. • Compare plant and animal cells. • Determine if chemical reactions have occurred. • Use a data set or food web to predict competition between plants and/or animals. • Determine how variables within human activities and natural processes affect changes in temperature over time. • Describe the risks and benefits of using natural resources to make synthetic materials.	**4 / 9**
High	Questions at this level generally require students to: • Use data to identify atmospheric patterns that result in changes in weather conditions. • Assess solutions that minimize human impact on the environment. • Describe the cycling of matter and/or movement of energy among parts of an ecosystem. • Use information from various cultural communities to interpret patterns of interactions within an ecosystem, including invasive species impacts and/or mutualism. • Compare questions about changes in temperature over time. • Describe the steps of an investigation that demonstrates that plants and animals are made of different types of cells and/or either one cell or many cells.	**3 / 9**

11

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

7. Qib Kev Muaj Peev Xwm Ntawm Xeev—Nyob rau qib xeev, feem pua ntawm cov tub ntxhais kawm uas qhia ua rau pom txog kev muaj peev xwm raws li cov qauv cai qib kawm. Cov qhab nia nyob rau hauv cov qib kev kawm tau uas Raug Raws Li Tus Qauv Cai thiab Siab Dua Tus Qauv Cai uas qhia ua rau pom txog kev muaj peev xwm.

Kev Kawm Tau Uas Cuam Tshuam Rau Kev Sib Chab Sib Chaws Fab Kev Txawj Ntse

8. Qib Kev Sib Chab Sib Chaws—Txhua tej txoj hauj lwm Kev Kawm Fab Kev Tshawb Fawb Alt MCA muaj peb nqe lus nug uas muaj cov qib kev sib chab sib chaws fab kev txawj ntse nce siab tuaj los ntawm qhov qis, pes nrab, thiab siab.
9. Cov Kev Piav Qhia Txog Cov Ntsiab Lus—Tshooj no yuav qhia pom txog tias koj tus tub ntxhais kawm teb tau cov lus nug uas muaj cov qib kev sib chab sib chaws nce ntxiv li cas.
10. Cov Qhab Nia Uas Tau Txais/Cov Qhab Nia Uas Muaj Feem Mus Tau—Rau txhua qib kev sib chab sib chaws, yuav muaj kev tshaj qhia cov qhab nia uas tau txais los ntawm cov qhab nia uas muaj feem mus tau rau cov lus nug.
11. Cov Ntaub Ntawv Txuas Lus—Txhawm rau thov daim ntawv tshaj tawm ua lwm tus qauv ntawv los sis hom lus uas tau muab txhais, thov txuas lus rau Minnesota Lub Tuam Tsev Hauj Lwm Ntsig Txog Kev Kawm los ntawm email ntawm mde.testing@state.mn.us, los ntawm xov tooj ntawm 651-582-8674, los sis mus saib MDE Statewide Testing lub vev xaib (education.mn.gov > Districts, Schools and Educators > Statewide Testing > Teaching and Learning > Statewide Testing).