

# MCA အဂတခါ (Alt MCA) ပုကိတဂစုစု တာ်ဟ်ဖျါ (Individual Student Report) (ISR) တါနိနဲကဲဖျါကိာ် လါစဲအ့ဉ်အဂီၢ်


ပုကိတဂစုစု တာ်ဟ်ဖျါတဖၣ် (မ့တမ့ၢ် ISRs) ဘၣ်တါဒုးအိၣ်ထီၣ်န့ၢ်အီၤလါ ပုကိတဂစုစု ကိးဂါဒဲးလါဘၣ်တါမ့ၢ်လၢကွၢ်စီအီၤလါ ကဟံးန့ၢ် ကီၢ်စဲၣ်ဒီဘၣ် တါသမံသမိး န့ၢ်လီၤ. ISR ဟ့ၣ်လီၤ တါဂ့ၢ်တါကျါ ဘၣ်သးဒီး န့ပုကိတဂစုစု အတၢ်မၤလိတၢ်ကံၢ်စီ ဒီး တါမၤလိမၤဒီး ဘၣ်သးဒီး မံၣ်န့ၣ်စိထုၣ် တါမၤလိအခဲဒမံၣ် တီၤပတီၢ်တဖၣ် (Minnesota Academic Standards) လီၤ.

စဲအ့ဉ် MCA အဂတခါ (Science Alternate MCA) (Alt MCA) ဘၣ်သ့ၣ်သ့ၣ် တါကဟံးန့ၢ်အီၤလါ MCA အလီၢ် လါပုကိတဂစုစုအိၣ်ဒီး တါသ့ၣ်ညါန့ၢ်ပာ်တသ့တဘၣ် အဒိၣ်အမုၢ်ကတၢ်တဖၣ်အဂီၢ်န့ၢ်လီၤ. တါကသမံသမိးဝဲ Alt MCA လါ 5 ဒီး 8 တီၤ အပူၤ ဒီး တါမၤလိ တါအိၣ်မူစဲအ့ဉ် လါကိတၢ်ဖိးတါမၤလါတါမၤလိအကတီၢ်ကတၢ် လါတီၤထီၣ်ကိတၢ်မၤလိန့ၢ်အပူၤန့ၢ်လီၤ.

စးထီၣ်လါ 2024–25, လံာ်တါမၤလိတဘၣ်စုစု ဒီး တါဒီးစဲးန့ၢ် ဖျါထီၣ်ဝဲဒၣ်လါ ISR အဂတခါအဖီခိၣ်န့ၢ်လီၤ.

န့ပုကိတဂစုစု မ့ၢ်တန့ၢ်လီၤပၣ်ဃုာ်န့ၢ်, ISR ဒုးနဲၣ်လါ ဘၣ်မနုၤအသိ တါအစၢတဖၣ်အံၤ တပၣ်ဃုာ် (အဒိ, တဟဲထီၣ် မ့တမ့ၢ် တမၤပဲၤ) လဲၣ်န့ၢ်လီၤ.

Alt MCA Sci Gr 8




**Sample A. Student**  
School One  
District Eight

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Spring 2025  
Grade 8

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 These are Carina's results from the Science Alternate Minnesota Comprehensive Assessment (Alt MCA) taken in the spring of 2025.

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 Sample took the majority of the Science Alternate MCA using online test materials independently with Test Administrator supervision.

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 Sample engaged in some or all of the questions using educational objects or manipulatives as part of their test materials (for example: using math counters or models to show food webs, life cycles or other science topics).

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**Science: Carina's Overall Alt MCA Results**

Sample's score of 216 shows evidence of learning at the **Meets** level for grade-level expectations in science. The Science Alternate MCA measures learning of the extended benchmarks based upon the Minnesota Academic Standards in Science.

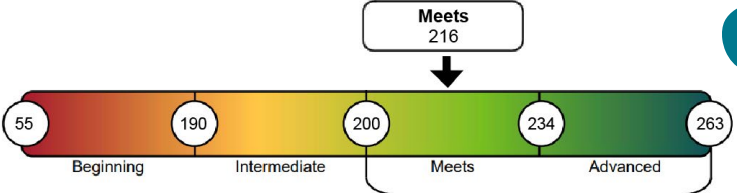
A grade 8 student with a score at the Meets level needs minimal levels of support and scaffolding of skills when completing academic tasks and shows evidence of being able to:

- Identify patterns that cause changes in weather conditions, use data or a model to assess how a solution reduces human impact on the environment, and interpret data or a model to find variables within human activity and natural processes that cause temperature changes over time.
- Use evidence to distinguish between plant and animal cells, use a model or data to identify the cycle of matter or flow of energy among parts of an ecosystem, and use data or a model to describe the effects of the availability of food, shelter, and water on populations within an ecosystem.
- Interpret data to determine if a chemical change has occurred and describe the risks and benefits of using natural resources to make synthetic materials.

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

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 In spring 2025, 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.

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06132025-20000001-4183-07-10-0000001

1. ပုကိတဂစုစု တါဂ့ၢ်တါကျါ—ပုကိတဂစုစုအမံ, တီၤပတီၢ်, ကိ, ကီၢ်ရဲၣ်လီၢ်ကတီၤ, မုၢ်နံၤ, ဒီး တါသမံသမိး.
2. တါသမံသမိးအကျါအကျဲ (Administration Mode)— တါသမံသမိးကွၢ် Alt MCA လါအ့ထၢ်နဲးအဖီခိၣ်, လါလံာ်က့အလီၤ, မ့တမ့ၢ် လါကျါကျဲဟံၣ်ဖျါခါလီၢ် သ့န့ၢ်လီၤ. ကျါကျဲလါန့ပုကိတဂစုစုကါဝဲ ဘၣ်တါဒုးနဲၣ်ဖျါထီၣ်ဝဲ န့ၢ်လီၤ. န့ပုကိတဂစုစုအတၢ်သမံသမိး မ့ၢ်ဝဲဆိန့ၢ်, ဒုးနဲၣ်ဖျါထီၣ်အီၤဖဲအံၤစ့ၢ်ကိးတက့ၢ်.
3. တါစူးကါ တါဖိတၢ်လံာ်—တါဟ်ဖျါ ပၣ်ဃုာ်ဒီး တါစူးကါ တါဖိတၢ်လံာ်တဖၣ် မ့တမ့ၢ် တါပီးတါလီတဖၣ် ဖဲ တါသမံသမိးအကတီၢ်န့ၢ်လီၤ.
4. တါအစၢခဲလၢဟံၣ်ဖျါ—တါဟ်ဖျါဘၣ်သးဒီး န့ပုကိတဂစုစု အတၢ်မၤလိန့ၢ်တါကံၢ်စီ ဒီး တါမၤလိမၤဒီး ဘၣ်သးဒီး မံၣ်န့ၣ်စိထုၣ် တါမၤလိအခဲဒမံၣ် တီၤပတီၢ်တဖၣ် (Minnesota Academic Standards) အနီၣ်ထီၣ်လါတါမၤအါထီၣ်အီၤန့ၢ်လီၤ.
5. တါမၤလိန့ၢ်တါကံၢ်စီ အပတီၢ်—လံာ်တါဖျါ ဒုးနဲၣ် န့ပုကိတဂစုစုအမံခဲလၢဟံၣ်ဖျါ လါ တါမၤလိန့ၢ်တါကံၢ်စီ အပတီၢ်တဖၣ်အပူၤန့ၢ်လီၤ. တါမၤလိန့ၢ်တါကံၢ်စီ အပတီၢ် အိၣ်ဝဲလွံၢ်ခါ- တါစးထီၣ် (Beginning), ဖဲအခါသး (Intermediate), တုၤထီၣ်ဘး (Meets), ဒီး အပတီၢ်ထီ (Advanced) န့ၢ်လီၤ.
6. ကီၢ်စဲၣ် အတၢ်စဲၣ်နီၤ —ပုကိတဂစုစုအမုးကယၤ ဒုးနဲၣ် တါစဲၣ်နီၤ အပတီၢ်လါတီၤ-ပတီၢ် တီၤပတီၢ်တဖၣ် လါ MCA-IV အနီၣ် ဖဲ ကီၢ်စဲၣ်အပတီၢ်တဖၣ်န့ၢ်လီၤ.

## 7 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.

Complexity Level	Content Description	Points Earned/ Points Possible
Low	Questions at this level generally require students to: <ul style="list-style-type: none"> <li>Identify weather conditions.</li> <li>Identify producers, consumers, and decomposers within an ecosystem.</li> <li>Identify that synthetic materials are made from natural resources.</li> <li>Identify what indicates a chemical change.</li> <li>Identify human activities that affect temperature over time.</li> <li>Identify human impact on the environment.</li> <li>Identify that plants and animals are made of cells and are different.</li> <li>Identify the predator of a given animal.</li> <li>Identify that living things need food, water, and shelter to survive.</li> </ul>	7 / 9
Medium	Questions at this level generally require students to: <ul style="list-style-type: none"> <li>Identify patterns resulting in weather changes.</li> <li>Identify a solution that minimizes human impact on the environment.</li> <li>Identify the effects of the availability of food, water and shelter on a living thing.</li> <li>Identify the movement of energy among living things within a food chain or web.</li> <li>Compare plant and animal cells.</li> <li>Determine if chemical reactions have occurred.</li> <li>Use a data set or food web to predict competition between plants and/or animals.</li> <li>Determine how variables within human activities and natural processes affect changes in temperature over time.</li> <li>Describe the risks and benefits of using natural resources to make synthetic materials.</li> </ul>	6 / 9
High	Questions at this level generally require students to: <ul style="list-style-type: none"> <li>Use data to identify atmospheric patterns that result in changes in weather conditions.</li> <li>Assess solutions that minimize human impact on the environment.</li> <li>Describe the cycling of matter and/or movement of energy among parts of an ecosystem.</li> <li>Use information from various cultural communities to interpret patterns of interactions within an ecosystem, including invasive species impacts and/or mutualism.</li> <li>Compare questions about changes in temperature over time.</li> <li>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.</li> </ul>	8 / 9

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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/Students-and-Families/Programs-and-Initiatives/Statewide-Testing/Assessment-Results) website (education.mn.gov > Students and Families > Programs and Initiatives > Statewide Testing > Assessment Results).



### 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.test@state.mn.us](mailto:mde.test@state.mn.us), by phone 651-582-8674 or by fax 651-582-8874. TTY users may call the Minnesota Relay Service at 711.

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- တၢ်မၤလိတၢ်ကံၤစီၤ ဘၣ်ထွဲဒီး တၢ်သ့ၣ်ညါန့ၣ်ပၢၢ် အတၢ်သဘံၣ်ဘျၣ် (Cognitive Complexity)—တၢ်သံကွၢ်တဖၣ် လိာ်ဘၣ်ဝဲ ပုၤကိၣ်ဖိတဖၣ် လၢကစူးကါ တၢ်သ့ၣ်ညါန့ၣ်ပၢၢ် အတၢ်သဘံၣ်ဘျၣ် အပတီၢ် အကလုာ်ကလုာ်န့ၣ်လီၤ. တၢ်အကူၤ ဟံၣ်ဖျါထီၣ်န့ၣ် ပုၤကိၣ်ဖိ မၤတၢ်လၢ တၢ်သံကွၢ်တဖၣ် ဃုာ်ဒီး တၢ်သဘံၣ်ဘျၣ် အပတီၢ်အါ ထီၣ်အဖီခိၣ် ဒ်လဲၣ်န့ၣ်လီၤ.
- အမး လၢမၤန့ၣ်ဝဲ/အမး လၢမၤန့ၣ်ဝဲသ့တဖၣ်—လၢတၢ်သဘံၣ်ဘျၣ် အပတီၢ် တပတီၢ် စ့ၣ်စ့ၣ်အဂီၢ်, တၢ်ဟံၣ်ဖျါထီၣ်ဝဲ အမးခဲ လၢလၢအမၤန့ၣ်ဝဲ လၢမးလၢအမၤန့ၣ်ဝဲသ့တဖၣ်လၢ တၢ်သံကွၢ် တဖၣ်အဂီၢ်န့ၣ်လီၤ.
- တၢ်ကွၢ်ကဒါက့ၤ စဲအံၣ်တၢ်သမံသမိးအသီတဖၣ် (Overview of the New Science Assessments)—တၢ်န့ၣ်လီၤမၤန့ၣ် တၢ်ကွၢ်ကဒါက့ၤဘၣ်ဒ်အိၣ် ခိဖျိ စကဲ(န) QR ခိး(ဒ) (code) လၢ တၢ်စဲကျဲးအီၤလၢတၢ်ဟံၣ်ဖျါအဖီခိၣ် မ့တမ့ၢ် ဆဲးကျၢ န့ၣ်ပုၤကိၣ်ဖိ အကိၣ် လၢလုး(ခ) (link) အဂီၢ်သ့န့ၣ်လီၤ. တၢ်ကွၢ်ဘၣ်ဒ်ကအိၣ် စ့ၣ်ကီးလၢ နီၢ်ကစၢ်အကျိၣ် ဒီးသန့ထီၣ်အသးလၢ ပုၤကိၣ်ဖိ တၢ်န့ၣ်ဆဲးလီၤမၤ တၢ်ဂ့ၢ်ထၢဖျိအဖီခိၣ်, ဖဲ တၢ်မ့ၢ်ဒုးန့ၣ်ဟံၣ်ဖျါထီၣ် အီၤ လီၤတံၢ်လီၤဆဲးန့ၣ်လီၤ.
- တၢ်ဆဲးကျၢ တၢ်ဂ့ၢ်တၢ်ကျိၤ—လၢကဃုထီၣ် တၢ်ဟံၣ်ဖျါလၢ ကျိၤ ကျဲအဂၤတခါ မ့တမ့ၢ် ကျိၣ်လၢတၢ်ကွဲးကျိၣ်ထံအီၤအဂီၢ်, ဝံသး စူၤ ဆဲးကျၢ မံၣ်န့ၣ်စိထီၣ် တၢ်ကူၣ်ဘၣ်ကူၣ်သ့ ဝဲကျိၤ (Minnesota Department of Education) န့ၣ်တက့ၢ်.