Individual Student End-of-Year Report
Performance Profile 2023-2024

DYNAMIC®
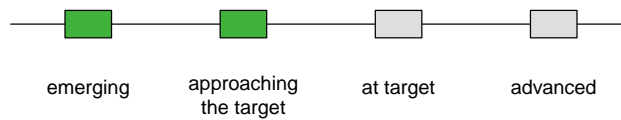LEARNING MAPS™

NAME: Student DLM
DISTRICT: DLM District
SCHOOL: DLM School

DISTRICT ID: DLM District
STATE: DLM State
STATE ID: DLM State ID

Overall Results

High school science allows students to show their achievement in 27 skills related to 9 Essential Elements. Student has mastered 8 of those 27 skills during Spring 2024. Overall, Student's mastery of science fell into the second of four performance categories: **approaching the target**.

emerging   approaching   at target   advanced
             the target

EMERGING:	The student demonstrates **emerging** understanding of and ability to apply content knowledge and skills represented by the Essential Elements.
APPROACHING THE TARGET:	The student's understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements is **approaching the target.**
AT TARGET:	The student's understanding of and ability to apply content knowledge and skills represented by the Essential Elements is **at target.**
ADVANCED:	The student demonstrates **advanced** understanding of and ability to apply targeted content knowledge and skills represented by the Essential Elements.

Domain

Bar graphs summarize the percent of skills mastered by Domain. Domains consist of groups of related Essential Elements, or content standards. Not all students test on all skills due to availability of content at different levels per standard. More information about Student's mastery of skills by Domain is located in the Learning Profile.

Physical Science   11%
Mastered 1 of 9 skills

Life Science   44%
Mastered 4 of 9 skills

REPORT DATE: 01-21-2024
SUBJECT: Science
GRADE: 10

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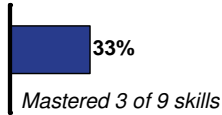LEARNING MAPS

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Performance Profile, continued

Earth & Space
Science

33%

Mastered 3 of 9 skills

For more information, including resources, please visit https://dynamiclearningmaps.org/states.

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Student's performance in high school science Essential Elements is summarized below. This information is based on all of the DLM tests Student took during Spring 2024. Student was assessed on 9 out of 9 Essential Elements and 3 out of 3 Domains expected in high school science.

Demonstrating mastery of a Level during the assessment assumes mastery of all prior Levels in the Essential Element. This table describes what skills your child demonstrated in the assessment and how those skills compare to grade level expectations.

Essential Element	Estimated Mastery Level		
	1 (Initial)	2 (Precursor)	3 (Target)
SCI.EE.HS.PS1-2	Recognize a change during a chemical reaction	Identify changes during a chemical reaction	Use evidence to explain patterns in chemical properties
SCI.EE.HS.PS2-3	Identify safety devices that lessen force	Use data to compare the effect of safety devices	Evaluate safety devices and minimize force
SCI.EE.HS.PS3-4	Compare the temperatures of two liquids	Compare the temperatures of liquids before and after mixing	Investigate and predict the temperatures of liquids before and after mixing
SCI.EE.HS.LS1-2	Recognize that organs have different functions	Identify which organs have a specific function	Model the organization and interaction of organs
SCI.EE.HS.LS2-2	Identify food and shelter needs for wildlife	Recognize the relationship between population size and resources	Explain the dependence of an animal population on other organisms
SCI.EE.HS.LS4-2	Match species to their environments	Identify factors that require special traits to survive	Explain how traits allow a species to survive
SCI.EE.HS.ESS1-4	Identify characteristics of the seasons	Model how Earth's position in orbit corresponds to the seasons	Model how Earth's tilt and orbit cause changes in seasons

Levels mastered this year   No evidence of mastery on this Essential Element   Essential Element not tested

This report is intended to serve as one source of evidence in an instructional planning process. Results are based only on item responses from the full academic year. Because your child may demonstrate knowledge and skills differently across settings, the estimated mastery results shown here may not fully represent what your child knows and can do.
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Essential Element	Estimated Mastery Level		
	1 (Initial)	2 (Precursor)	🎯 3 (Target)
SCI.EE.HS.ESS3-2	Recognize strategies to manage objects	Describe reasons for a strategy to conserve, recycle, or reuse	Argue for a strategy to conserve, recycle, or reuse resources
SCI.EE.HS.ESS3-3	Gather data on a conservation strategy	Organize data on conservation strategies	Analyze data about the effects of a conservation strategy

Levels mastered this year   No evidence of mastery on this Essential Element   Essential Element not tested