SUBJECT: Science

GRADE: 10

Individual Student End-of-Year Report Performance Profile 2021-2022



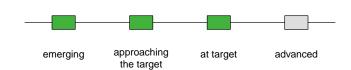
DISTRICT ID: DLM District

STATE: DLM State

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

Overall Results

High school science allows students to show their achievement in 27 skills related to 9 Essential Elements. Student has mastered 21 of those 27 skills during Spring 2022. Overall, Student's mastery of science fell into the third of four performance categories: at target.



EMERGING: The student demonstrates emerging understanding of and ability to apply content knowl-

edge and skills represented by the Essential Elements.

APPROACHING The student's understanding of and ability to apply targeted content knowledge THE TARGET:

and skills represented by the Essential Elements is approaching the target.

The student's understanding of and ability to apply content knowledge and skills represented AT TARGET:

by the Essential Elements is at target.

The student demonstrates advanced understanding of and ability to apply targeted content ADVANCED:

knowledge and skills represented by the Essential Elements.

Domain

Bar graphs summarize the percent of skills mastered by domain. Not all students test on all skills due to availability of content at different levels per standard.

Physical Science Life Science 89% Mastered 8 of 9 skills Mastered 6 of 9 skills

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DISTRICT: DLM District
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Performance Profile, continued

Earth & Space Science



More information about Student's performance on each of the Essential Elements that make up the Domains is located in the Learning Profile.

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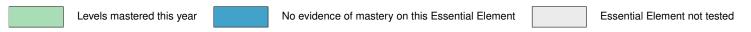
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Student's performance in high school science Essential Elements is summarized below. This information is based on all of the DLM tests Student took during Spring 2022. Student was assessed on 9 out of 9 Essential Elements and 3 out of 3 Domains expected 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.

	Estimated Mastery Level			
			©	
Essential Element	1	2	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	



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

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	Estimated Mastery Level			
			©	
Essential Element	1	2	3 (Target)	
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	
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	



