

## Measures of Academic Progress (MAP) Wyoming State-Aligned Version 2

The NWEA Goal Structure is a document that represents the content and structure of a state's standards documents. Goal structures are created through an alignment process that links state standards documents to the NWEA item bank. The MAP tests and associated reports for teachers and students are based upon this structure and alignment.

The alignment process begins with a thorough review of a state's standards documents by NWEA's curriculum specialists. The general goal areas or strands within a state's standards that appear across grade levels become the goals in the goal structure (indicated below as bold). Areas in a state's standards documents that are determined to be sub-domains of the goals/strands become the sub-goals in the goal structure (indented under each goal below).

Goal and sub-goal names from the Goal Structure are shortened for technical reasons to create the headings in DesCartes. Report Names are shortened further to accommodate report specifications.

<b>Concepts and Processes Goal Structure</b>	<b>Concepts and Processes DesCartes</b>	<b>Concepts and Processes Report Names</b>
<b>Scientific Inquiry</b>	<b>Scientific Inquiry</b>	<b>Science Inquiry</b>
Identify Questions and Make Predictions	Identify Questions and Make Predictions	
Conduct Investigations and Safety	Conduct Investigations and Safety	
Collect, Organize, Analyze and Represent Data	Collect, Organize, Analyze and Represent Data	
Draw Conclusions and Communicate Results	Draw Conclusions and Communicate Results	
Relationships Between Science and Technology	Relationships Between Science and Technology	

Nature and History of Science	Nature and History of Science	Nature of Science
Nature of Science	Nature of Science	
Systems, Classification, Order, Form and Function	Systems, Classification, Order, Form and Function	
Evidence, Models and Explanations	Evidence, Models and Explanations	
Cycles and Change Over Time	Cycles and Change Over Time	
Measurement	Measurement	

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General Science Goal Structure	General Science DesCartes	General Science Report Names
<b>Life Systems</b>	<b>Life Systems</b>	<b>Life Systems</b>
Levels of Organization in Organisms	Levels of Organization in Organisms	
Organisms, Environment; Behavior, Adaptation	Organisms, Environment; Behavior, Adaptation	
Life Cycles, Heredity, Evolution and Diversity	Life Cycles, Heredity, Evolution and Diversity	
<b>Earth and Space Systems</b>	<b>Earth and Space Systems</b>	<b>Earth and Space Systems</b>
Earth System: Earth Materials and History	Earth System: Earth Materials and History	
Earth System: Structure, Changes and Cycles	Earth System: Structure, Changes and Cycles	
Space System: Solar System and Universe	Space System: Solar System and Universe	
<b>Physical Systems</b>	<b>Physical Systems</b>	<b>Physical Systems</b>
Structure and Properties of Matter	Structure and Properties of Matter	
Changes in Matter; Conservation Matter Energy	Changes in Matter; Conservation Matter Energy	
Energy: Forms, Transfers, Transformations	Energy: Forms, Transfers, Transformations	
Force and Motion	Force and Motion	