

# Measures of Academic Progress (MAP) Louisiana State-Aligned Version 1

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>The Abilities Necessary to do Scientific Inquiry</b>	<b>Abilities Necessary to do Scientific Inquiry</b>	<b>Abilities: Sci Inquiry</b>
Questioning, planning, doing and recording	Questioning, Planning, Doing and Recording	
Interpreting and communicating	Interpreting and Communicating	
<b>Understanding Scientific Inquiry; Unifying Concepts and Processes</b>	<b>Understanding Science Inquiry; Unifying Concepts, Processes</b>	<b>Inquiry; Unify Concepts</b>
Logical and empirical processes of science	Logical and Empirical Processes of Science	
Modifications in previously accepted theories	Modifications in Previously Accepted Theories	
Validity of conclusions; significance of data	Validity of Conclusions; Significance of Data	
Rules of evidence	Rules of Evidence	
Role of technology; impact of research	Role of Technology; Impact of Research	
Systems, order and organization; form and function	Systems, Order and Organization; Form and Function	
Evidence, models and explanation	Evidence, Models and Explanation	



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Change, constancy and measurement	Change, Constancy and Measurement	
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<b>General Science 2-5 Goal Structure</b>	<b>General Science 2-5 DesCartes</b>	<b>General Science 2-5 Report Names</b>
<b>Physical Science</b>	<b>Physical Science</b>	<b>Physical Sciences</b>
Properties of objects and materials; properties and changes of properties in matter; measurement	Properties of Objects and Materials; Measurement	
Position and motion of objects; motions and forces	Position and Motion of Objects; Motions and Forces	
Forms of energy, transformations of energy; interactions of energy	Forms, Transformations and Interactions of Energy	
<b>Life Science</b>	<b>Life Science</b>	<b>Life Sciences</b>
Characteristics of organisms; structure and function in living things; systems and the behavior of organisms	Characteristics; Structure, Function; Behavior	
Life cycles of organisms; reproduction and heredity	Life Cycles of Organisms; Reproduction, Heredity	
Organisms and their environments; populations and ecosystems; interdependence of organisms; matter, energy and organization of living systems	Organism-Environ; Interdependence; Matter-Energy	
Adaptations of organisms	Adaptations of Organisms	
<b>Earth and Space Science</b>	<b>Earth and Space Science</b>	<b>Earth and Space Sciences</b>
Properties of earth materials; structure of the earth; energy; geochemical cycles	Earth Materials; Structure; Energy; Geochemical Cycles	
Objects in the sky	Objects in the Sky	
Science and the environment	Science and the Environment	



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<b>General Science 6+ Goal Structure</b>	<b>General Science 6+ DesCartes</b>	<b>General Science 6+ Report Names</b>
<b>Physical Science</b>	<b>Physical Science</b>	<b>Physical Sciences</b>
Properties of objects and materials; properties and changes of properties in matter; measurement	Properties; Structure; Changes; Measurement	
Position and motion of objects; motions and forces	Position and Motion of Objects; Motions and Forces	
Forms of energy, transformations of energy; interactions of energy	Forms, Transformations and Interactions of Energy	
<b>Life Science</b>	<b>Life Science</b>	<b>Life Sciences</b>
Characteristics of organisms; structure and function in living things; systems and the behavior of organisms; the cell	Characteristics; Structure-Function; Behavior	
Life cycles of organisms; reproduction and heredity; molecular basis of heredity	Life Cycles; Reproduction, Heredity; Molecular	
Organisms and their environments; populations and ecosystems; interdependence of organisms; matter, energy and organization of living systems	Organism-Environ; Interdependence; Matter, Energy	
Adaptations of organisms	Adaptations of Organisms; Biological Evolution	
<b>Earth and Space Science</b>	<b>Earth and Space Science</b>	<b>Earth and Space Sciences</b>
Properties of earth materials; structure of the earth; energy; geochemical cycles	Earth Materials; Structure; Energy; Geochemical Cycles	
Objects in the sky; earth in the solar system; earth's history	Objects in Sky; Solar System; Earth's History	
Science and the environment	Science and the Environment	

