

Measures of Academic Progress (MAP) Mississippi 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.

Concepts and Processes Goal Structure	Concepts and Processes DesCartes	Concepts and Processes Report Names
Inquiry: The Scientific Process	Inquiry: The Scientific Process	Scientific Process
Questions; Predictions; Investigations	Questions; Predictions; Investigations	
Collect and sort information; Make observations	Collect and Sort Information; Make Observations	
Draw conclusions; Communicate results	Draw Conclusions; Communicate Results	
Inquiry: Science and Technology	Inquiry: Science and Technology	Science and Technology
Compare functions and problems to technological solutions and products	Technological Solutions and Products	
Explain how science and technology are reciprocal	Science and Technology are Reciprocal	

Inquiry: Science in Nature	Inquiry: Science in Nature	Science in Nature
Repetition of results; Team work; Evaluate results	Repetition of Results; Teamwork; Evaluate Results	
Evidence and explanations; Analyze ideas and recognize skepticism	Evidence and Explanations; Ideas and Skepticism	



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General Science Goal Structure	General Science DesCartes	General Science Report Names
Physical Science	Physical Science	Physical Science
Matter and Chemical Reactions	Matter and Chemical Reactions	
Atoms; Compounds; Periodic Table	Atoms; Compounds; Periodic Table	
Forces and Motion	Forces and Motion	
Energy	Energy	
Life Science	Life Science	Life Science
Organization of Living Things	Organization of Living Things	
Evolution and Diversity of Organisms; Matter and Energy in Environments	Evolution; Diversity; Environments	
Heredity and Life Cycles	Heredity and Life Cycles	
Cells	Cells	
Earth and Space Science	Earth and Space Science	Earth and Space Science
Properties, Structures, and Processes of the Earth	Earth's Properties, Structures, and Processes	
Weather; Climate; Seasons	Weather; Climate; Seasons	
The Solar System	The Solar System	

