

Measures of Academic Progress (MAP) Massachusetts 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.

Concepts and Processes Goal Structure	Concepts and Processes DesCartes	Concepts and Processes Report Names
Nature of Skills of Inquiry	Nature of Skills of Inquiry	Nature of Inquiry
Trials, records, results, critique and revise	Trials, Records, Results, Critique and Revise	
Recognize patterns in data, create explanation	Recognize Patterns in Data, Create Explanation	
Math simulate process, analyze, support finding	Math Simulate Process, Analyze, Support Finding	
Distinguish between hypothesis and theory	Distinguish Between Hypothesis and Theory	
Using Skills of Inquiry	Using Skills of Inquiry	Using Skills of Inquiry
Ask questions, formulate hypothesis	Ask Questions, Formulate Hypothesis	
Record observations and data	Record Observations and Data	
Present conclusions based on data, evidence	Present Conclusions Based on Data, Evidence	

Design, conduct experiment specifying variables	Design, Conduct Experiment Specifying Variables	
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General Science Goal Structure	General Science DesCartes	General Science Report Names
Earth and Space Science	Earth and Space Science	Earth and Space Science
Structure of the earth system	Structure of the Earth System	
Earth's history	Earth's History	
Earth in the solar system	Earth in the Solar System	
Life Science; Biology	Life Science; Biology	Life Science; Biology
The characteristics of organisms	The Characteristics of Organisms	
Life cycles and heredity	Life Cycles and Heredity	
Organisms and their environment	Organisms and Their Environment	
Physical Science; Chemistry and Physics	Physical Sci: Chem, Phys	Physical Sci; Chem, Phys
Observable properties and states of matter	Observable Properties and States of Matter	
Motion and forces	Motion and Forces	
Energy	Energy	