

Measures of Academic Progress (MAP) Maryland 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
Skills and Processes: Knowledge, Evidence, and Communication	Skills/Processes: Knowledge Evidence Communication	Skills/Process: Evidence
Constructing Knowledge	Constructing Knowledge	
Applying Evidence and Reasoning	Applying Evidence and Reasoning	
Communicating Scientific Information	Communicating Scientific Information	
Skills and Processes: Technology-Design and Systems: Design Constraints, Designed Systems, and Making Models	Skills/Processes: Technology-Design and Systems	Skills/Process: Technology
Design Constraints, Designed Systems, and Making Models	Design Constraints, Designed Systems, Models	

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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
Earth Materials, History, and Tectonics	Materials, History, Tectonics	
Astronomy	Astronomy	
Interactions of Hydrosphere and Atmosphere	Hydrosphere, Atmosphere	
Life and Environmental Science	Life and Environmental Science	Life Science
Diversity and Evolution of Life	Diversity, Evolution of Life	
Cells and Genetics	Cells, Genetics	
Flow of Matter and Energy in Ecosystems	Ecosystems, Matter and Energy	
Natural Resources and Environmental Issues	Environmental Issues, Resource	
Chemistry	Chemistry	Chemistry
Structure and Conservation of Matter	Matter Structure, Conservation	
States of Matter and Physical/Chemical Changes	Changes: Physical, Chemical	
Physics	Physics	Physics
Mechanics and Thermodynamics	Mechanics, Thermodynamics	
Electricity, Magnetism, and Waves	Electricity, Magnetism, Waves	