

Measures of Academic Progress (MAP) NWEA Version 4

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
Unifying Processes and Concepts of Science	Unifying Processes and Concepts of Science	Unify Processes Concepts Sci
Systems, order, and organization	Systems, Order, and Organization	
Evidence, models, and explanation	Evidence, Models, and Explanation	
Constancy, change, and measurement	Constancy, Change, and Measurement	
Evolution and equilibrium	Evolution and Equilibrium	
Develop Abilities Needed for Scientific Inquiry	Develop Abilities Needed for Scientific Inquiry	Abilities for Sci Inquiry
Generate questions and hypotheses	Generate Questions and Hypotheses	
Design and implement investigations	Design and Implement Investigations	
Analyze data and draw conclusions	Analyze Data and Draw Conclusions	
Nature of science and technology	Nature of Science and Technology	

General Science Goal Structure	General Science DesCartes	General Science Report Names
Life Sciences	Life Sciences	Life Sciences
Form and Function	Form and Function	
Diversity of Life and Evolution	Diversity of Life and Evolution	
Ecology and Interdependence of Living Things	Ecology and Interdependence of Living Things	
Earth and Space Sciences	Earth and Space Sciences	Earth and Space Sciences
Dynamic Earth	Dynamic Earth	
Earth in Space	Earth in Space	
Physical Sciences	Physical Sciences	Physical Sciences
Structure and Interactions of Matter	Structure and Interactions of Matter	
Forces and Motion	Forces and Motion	
Energy	Energy	