

Measures of Academic Progress (MAP) District of Columbia-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
Critical Review of Evidence	Critical Review of Evidence	Critical Review of Evidence
Cause and effect	Cause and Effect	
Communication	Communication	
Conclusions	Conclusions	
Evaluating information (interpreting data)	Evaluating Information (Interpreting Data)	
Patterns and change	Patterns and Change	
Nature of science	Nature of Science	
Math and modeling	Math and Modeling	
Science technology and society	Science Technology and Society	
Process of Investigation	Process of Investigation	Process of Investigation

Variables	Variables	
Ask questions	Ask Questions	
Predict and hypothesize	Predict and Hypothesize	
Design experiment	Design Experiment	
Tools for data collection, measurement and observation	Tools for Data Collection, Measurement and Observation	
Classify	Classify	

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General Science Goal Structure	General Science DesCartes	General Science Report Names
Earth Science	Earth Science	Earth Science
Solar system	Solar System	
Weather and climate	Weather and Climate	
Conservation and resources	Conservation and Resources	
Plate tectonics	Plate Tectonics	
Rocks, rock cycle and erosion	Rocks, Rock Cycle and Erosion	
Earth and life history	Earth and Life History	
Physical Science	Physical Science	Physical Science
Properties and structure of matter: properties of matter	Properties and Structure of Matter: Properties of Matter	
Properties and structure of matter: states of matter	Properties and Structure of Matter: States of Matter	
Properties and structure of matter: atoms, molecules and chemical reactions	Properties and Structure of Matter: Atoms, Molecules and Chemical Reactions	
Forces and motion	Forces and Motion	
Energy and waves	Energy and Waves	
Life Science	Life Science	Life Science
Classification and biological evolution	Classification and Biological Evolution	
Genetics and life cycles	Genetics and Life Cycles	

Human, plant, and cell biology: cell biology and disease	Human, Plant, and Cell Biology: Cell Biology and Disease	
Human, plant, and cell biology: organization, structure, function	Human, Plant, and Cell Biology: Organization, Struc, Func	
Ecology	Ecology	