

Measures of Academic Progress (MAP) Florida 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
The Practice of Science: Inquiry	The Practice of Science: Inquiry	Practice of Science
Raise Questions and Make Predictions	Raise Questions and Make Predictions	
Plan and Carry Out Scientific Investigations and Identify Variables	Plan Investigations and Identify Variables	
Collect, Organize and Interpret Data	Collect, Organize and Interpret Data	
Generate Explanations and Defend Conclusions	Generate Explanations and Defend Conclusions	
Distinguish Between Observations and Inferences	Distinguish Between Observations and Inferences	
Creativity in Scientific Methods and Validity of Explanations	Creativity in Methods; Validity of Explanations	
The Characteristics of Scientific Knowledge; Science and Society	The Characteristics of Scientific Knowledge	Scientific Knowledge
The Characteristics of Scientific Knowledge; Science and Society	Scientific Knowledge; Science and Society	

The Role of Theories, Laws, Hypotheses and Models	The Role of Theories, Laws, Hypotheses and Models	Theories, Laws and Models
Models are Approximations of Natural Phenomena	Models are Approximations of Natural Phenomena	
Scientific Theory and Law	Scientific Theory and Law	

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General Science Goal Structure	General Science DesCartes	General Science Report Names
Body of Knowledge: Earth and Space Science	Body of Knowledge: Earth and Space Science	Earth and Space Science
Earth in Space and Time	Earth in Space and Time	
Earth Structures	Earth Structures	
Earth Systems and Patterns	Earth Systems and Patterns	
Body of Knowledge: Physical Science	Body of Knowledge: Physical Science	Physical Science
Properties and Changes in Matter	Properties and Changes in Matter	
Forms of Energy; Energy Transfer and Transformations	Energy	
Motion and Forces	Motion and Forces	
Body of Knowledge: Life Science	Body of Knowledge: Life Science	Life Science
Organization and Development of Living Organisms; Transformations of Matter and Energy	Organization, Development, Matter and Energy	
Heredity, Reproduction, Diversity and Evolution of Organisms	Heredity, Reproduction, Diversity and Evolution	
Interdependence	Interdependence	