

Measures of Academic Progress (MAP) Alabama 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 Process Goal Structure	Concepts and Processes DesCartes	Concepts and Processes Report Names
Process, Application, Skills: Investigation	Process, Application Skills: Investigation	Process Investigation
Formulating hypotheses, predicting, and defining	Formulating Hypotheses, Predicting, and Defining	
Conducting investigations, classifying, and safety	Conducting Investigations, Classifying, and Safety	
Controlling variables	Controlling Variables	
Process, Application Skills: Analysis, Report	Process, Application Skills: Analysis, Report	Process, Analysis, Rep
Analyzing data	Analyzing Data	
Inferring and communicating	Inferring and Communicating	
Observing and measuring	Observing and Measuring	

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General Science Goal Structure	General Science DesCartes	General Science Report Names
Physical Science	Physical Science	Physical Science
Matter: prop, states, changes, and structure	Matter: Prop, States, Changes, and Structure	
Solvents, reactions, formulas, equations, and conservation of matter	Solvents, Reactions, Equations, Conserv Matter	
Forms, transfer and conservation of energy	Forms, Transfer and Conservation of Energy	
Motion, forces, machines, waves and sound	Motion, Forces, Machines, Waves and Sound	
Life Science	Life Science	Life Science
Structure, function, and organization	Structure, Function, and Organization	
Cells and cell processes	Cells and Cell Processes	
Genetics and cellular reproduction	Genetics and Cellular Reproduction	
Classification of organisms	Classification of Organisms	
Evolution and adaptation	Evolution and Adaptation	
Life cycles, and flow of energy	Life Cycles, and Flow of Energy	
Population, habitat, interdependence, ecosystem	Population, Habitat, Interdependence, Ecosystem	
Earth and Space Science	Earth and Space Science	Earth and Space Science
Earth layers and features: rocks and landforms	Earth Layers and Features: Rocks and Landforms	
Change: erosion, weathering, plate tectonics	Change: Erosion, Weathering, Plate Tec	



Natural resources and geochemical cycles	Natural Resources and Geochemical Cycles	
Seasons, weather phenomena and global patterns	Seasons, Weather Phenomena and Global Patterns	
Comparing objects in the sky	Comparing Objects in the Sky	
Components of the solar system and universe	Components of the Solar System and Universe	