

## Measures of Academic Progress (MAP) Rhode Island 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.

<b>Concepts and Processes Goal Structure</b>	<b>Concepts and Processes DesCartes</b>	<b>Concepts and Processes Report Names</b>
<b>Scientific Inquiry</b>	<b>Scientific Inquiry</b>	<b>Scientific Inquiry</b>
Collect, analyze and interpret data; communicate ideas.	Collect, analyze data; communicate ideas	
Investigations, experimental design, and evidence.	Investigations, experimental design; evidence	
Predict, question and hypothesize; tools and techniques.	Predict, question, hypothesize; tools, techniques	
Nature of Science; Models and Scale; Systems and Energy; Patterns of Change; Form and Function		
<b>Nature of Science; Models and Scale; Systems and Energy; Patterns of Change; Form and Function</b>	<b>Nature of Science; Models; Systems, Energy</b>	<b>Nature of Science, Energy</b>
Nature of Science	Nature of Science	
Models and Scale	Models and Scale	
Systems and Energy	Systems and Energy	

Patterns of Change; Form and Function	Patterns of Change; Form and Function	
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General Science Goal Structure	General Science DesCartes	General Science Report Names
<b>Earth and Space Science</b>	<b>Earth and Space Science</b>	<b>Earth and Space Science</b>
The Earth and earth materials have developed over long periods of time, through continual change processes.	Earth: development over time and change processes	
The earth is part of a solar system, galaxy, and universe that have interrelationships across vast distances and time	Earth, Solar System, Galaxies, and Universe	
<b>Life Science</b>	<b>Life Science</b>	<b>Life Science</b>
All living organisms have identifiable structures and characteristics that allow for survival	Organisms: structures, characteristics, survival	
Matter cycles and energy flows through an ecosystem.	Matter and Energy in Ecosystems	
Groups of organisms, including humans, show evidence of change over time as variable traits are passed to new generations through reproduction.	Organisms reproduce and change over time	
<b>Physical Science</b>	<b>Physical Science</b>	<b>Physical Science</b>
All living and nonliving things are composed of matter having characteristic properties that distinguish one substance from another (independent of size or amount of substance).	Matter has characteristic properties.	
Energy is necessary for change to occur in matter. Energy can be stored, transferred, and transformed, but cannot be destroyed.	Energy storage, transfer and transformation	
The motion of an object is affected by forces.	Motion of an object is affected by forces	