

Measures of Academic Progress (MAP) Indiana 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 Processes Goal Structure	Concepts and Processes DesCartes	Concepts and Processes Report Names
The Nature of Science: Inquiry	The Nature of Science: Inquiry	Inquiry
Processes scientists use: sort, observe, record process	Processes Scientists Use: Sort, Observe, Record Process	
Numbers: explanations and data	Numbers: Explanations and Data	
Hypothesis	Hypothesis	
Variables	Variables	
The Nature of Science: Views and Themes	The Nature of Science: Views and Themes	Views and Themes
The scientific enterprise	The Scientific Enterprise	
Systems	Systems	
Models and scales	Models and Scales	
Constancy and change	Constancy and Change	

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General Science Goal Structure	General Science DesCartes	General Science Report Names
The Physical Setting: Earth and Space Science	The Physical Setting: Earth and Space Science	Earth and Space Science
The universe: sun, moon, stars, and planets	The Universe: Sun, Moon, Stars, and Planets	
The earth and the processes that shape it	The Earth and the Processes That Shape It	
The Physical Setting: Physical Science	The Physical Setting: Physical Science	Physical Science
Matter and energy: properties and changes	Matter and Energy: Properties and Changes	
Forces of nature: motion, forces and energy, waves	Forces of Nature: Motion, Forces and Energy, Waves	
The Living Environment	The Living Environment	Living Environment
Diversity of life and human identity	Diversity of Life and Human Identity	
Independence of life: ecology and ecosystems	Independence of Life: Ecology and Ecosystems	