

REDEVELOPMENT OF REPA EDUCATOR STANDARDS

Description of Revisions to the Middle School Mathematics Standards

Revisions to the REPA Standards for Middle School Mathematics were guided by recommendations made during an alignment study with the [Indiana Academic Mathematics Standards \(Grades 5–12\)](#), by Indiana state educator reviewer comments, and [NCTM CAEP standards for middle school mathematics with addendum](#).

Revisions include:

- updating language for consistency;
- updating language to match terminology used in the Indiana Academic Mathematics Standards and NCTM CAEP standards;
- clarifying topics to remove ambiguity (e.g., that functions includes both linear and nonlinear functions);
- expanding upon topics to remove restrictive language (e.g., "common factors and multiples" became "fundamental ideas of number theory");
- removing topics to eliminate redundancy (e.g., linear equations is no longer mentioned twice);
- removing topics to reflect appropriateness of topics for middle school educators (e.g., removal of "bases other than 10"); and
- including topics to reflect national standards (e.g., inclusion of foundational introductory calculus).