



# 2022 Revised Math Standards Highlights

The following chart highlights organizational changes in the adopted 2022 standards. Recommendations for revision were provide through legislative letters for consideration by the review committees.

Recommendations	New Standards Application
<p>Explicitly state grade levels at which students should demonstrate mastery of addition, subtraction, multiplication, and division facts. Integrate these basics with critical thinking and real-life problem solving throughout the standards to ensure more connections to science, business, and other related disciplines.</p>	<ul style="list-style-type: none"> <li>• Added mastery standards identified for each grade level K-6 on Grade Level Overview page</li> <li>• Provided examples of real-life problem solving in blue boxes throughout document</li> <li>• Emphasized the application of concepts</li> <li>• Added Idaho-based scenarios</li> </ul>
<p>Reduce the number of standards, use less complex verbiage, and prioritize the more important concepts without marginalizing the accuracy of the standards.</p>	<ul style="list-style-type: none"> <li>• Reducing the number of standards was not accomplished – this interest conflicted with adding clarity</li> <li>• Added more subpoints for standards that had complex verbiage and confusing sentence structure</li> <li>• Changed vocabulary and sentence structure throughout to reduce complex verbiage</li> <li>• Maintained accuracy of the standards for important concepts by keeping numbering system used nationally by curriculum publishers</li> <li>• Identified mastery standards for each grade level</li> <li>• Emphasized examples in blue boxes and clarifications in pink boxes to reduce complexity</li> <li>• Added K-8 coding at cluster level: Major Work (□), Supporting Work (△), and Additional Work (○)</li> <li>• Added 9-12 coding: Advanced Standards (+) and Modeling Standard (★)</li> <li>• Explained coding in all grade level or conceptual category introductions</li> </ul>

Recommendations	New Standards Application
<p>Ensure the standards are age and grade level-appropriate especially in the early grades, emphasizing the concrete nature of young minds.</p>	<ul style="list-style-type: none"> <li>• Revised standards to ensure age and grade-level appropriate content by consulting and considering:               <ul style="list-style-type: none"> <li>○ Learning progressions from multiple sources</li> <li>○ Standards from other states</li> <li>○ Concept flows throughout multiple grade levels</li> </ul> </li> </ul>
<p>Make certain that standards requiring problem solving are age appropriate and do not exceed the knowledge standards accepted for each grade level.</p>	<ul style="list-style-type: none"> <li>• Added descriptions of standards for mathematical practice for each grade level to describe what age appropriate problem-solving activities could look like for the grade level</li> <li>• Revised standards to ensure age and grade-level appropriate content by consulting and considering:               <ul style="list-style-type: none"> <li>○ Learning progressions from multiple sources</li> <li>○ Standards from other states</li> <li>○ Concept flows throughout multiple grade levels</li> </ul> </li> </ul>

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**For Questions Contact**

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