# 2022 Revised Math Standards Highlights

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

<table>
<thead>
<tr>
<th>Recommendations</th>
<th>New Standards Application</th>
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<tbody>
<tr>
<td>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.</td>
<td>• Added mastery standards identified for each grade level K-6 on Grade Level Overview page • Provided examples of real-life problem solving in blue boxes throughout document • Emphasized the application of concepts • Added Idaho-based scenarios</td>
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<td>Reduce the number of standards, use less complex verbiage, and prioritize the more important concepts without marginalizing the accuracy of the standards.</td>
<td>• Reducing the number of standards was not accomplished – this interest conflicted with adding clarity • Added more subpoints for standards that had complex verbiage and confusing sentence structure • Changed vocabulary and sentence structure throughout to reduce complex verbiage • Maintained accuracy of the standards for important concepts by keeping numbering system used nationally by curriculum publishers • Identified mastery standards for each grade level • Emphasized examples in blue boxes and clarifications in pink boxes to reduce complexity • Added K-8 coding at cluster level: Major Work (□), Supporting Work (△), and Additional Work (○) • Added 9-12 coding: Advanced Standards (+) and Modeling Standard (★) • Explained coding in all grade level or conceptual category introductions</td>
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| Ensure the standards are age and grade level-appropriate especially in the early grades, emphasizing the concrete nature of young minds. | • Revised standards to ensure age and grade-level appropriate content by consulting and considering:  
  o Learning progressions from multiple sources  
  o Standards from other states  
  o Concept flows throughout multiple grade levels |
| Make certain that standards requiring problem solving are age appropriate and do not exceed the knowledge standards accepted for each grade level. | • 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  
  • Revised standards to ensure age and grade-level appropriate content by consulting and considering:  
    o Learning progressions from multiple sources  
    o Standards from other states  
    o Concept flows throughout multiple grade levels |

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**For Questions Contact**
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