**Mathematics –** Considerations for Course Levels

**Transition to 6th Grade**

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| **Levels in** | **Math 7 Advanced/Honors** | **Math 6** |
| **Grade 6** | 3 Years Compacted |  |
|  | *Course name changed for 2021-2022 school year* |  |
| **Problem Solving** | \* Works above for most concepts | \* Works on or below grade level |
| \* Grasps instructed concepts with little or no practice | \* Grasps concepts with concrete examples, repetition, and independent practice |
| \* Abstract thinker; poses analytical questions | \* Requires support for challenges |
| \* Risk taker - seeks challenges |  |
| \* Justifies mathematical arguments |  |
| **Computation Accuracy** | Mastery of two mathematical strategies in multiplication and division of whole numbers and decimals, **one being the traditional algorithm.** | Uses multiplication and division strategies. |
| **Middle School Curriculum Exposure** | \* Concept of integer ordering | \* Not applicable |
| \* Concept of multiplication of fractions |  |
| \* Fluidity with fractions, decimals, and percents |  |
| \* Solving two-step equations |  |
| **Grades 4 and 5SOL** | 475 or above | Below 475 |
| **MAP Score** (end of 5th) | 235 or above | Below 235 |
| **Middle School curriculum that will be covered** | 6th, 7th, & 8th Grade Curriculum | 6th Grade Curriculum |
| **SOL Test that will be given** | 7th Grade Mathematics SOL | 6th Grade Mathematics SOL |
| **Projected Grade to Take Algebra I** (high school level course) | 7th Grade | 8th or 9th Grade |