**CISD 2013 Math 4th Grade Summary**

**Common Core Grade Level Big ideas:**

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| **Multiplication** | **Classify 2D Shapes** |
| **Division** | **Fractions** |
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**Math Recovery Levels**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Skills and Concepts** | **FNWS** | **BNWS** | **NID** | **Structuring** | **Addition and Subtraction** | **Place Value** | **Mult. and Division** |
| **Average Beginning/End of year goal** | **5** | **5** | **5** | **5** | **4** | **5** | **3** | **5** | **3** | **5** | **4** | **5** | **2** | **5** |
| **Students struggle with at the beginning of the year** |  |  | # in millions | Partitions and combination to 10 verbally. | Counting on | Don’t jump or split. Use standards algorithm | Make equal groups, stress/skip count (Need visual markers) |
| **Student can do at the at the end** |  |  |  | Combinations to 20 verbally | Use multiple non-count by 1 strategies up to 1,000 | Add and subtract 3 digit numbers with regrouping using multiple methods (split, jump, jump/split, compensation, …) | Multiplication and division sees as inverse operations. Multiplicative thinking. Fluent 0-9 facts. |