

Essential Grade Level Entry Math Skills:

Most Essential Skills to have when entering grade level

6th Grade Skills:

- Multiplication (Number Sense)
 - Relationships w/ division
- Long Division - woven into other topics through 6th
 - Including traditional algorithm
- Fractions (what is it)
- Decimals (what?)
 - Place value
- Problem Solving (weave through out)
- Knowledge of volume

5th Grade Skills:

- Place value up to 1,000,000
- Multi-digit multiplication
- Long division
- Fractions - convert, simplify, operations, comparing
- Decimals to the tenths place
- Problem Solving

4th Grade Skills:

- Place value up to 10,000
- Multiplication fluency
- multiplication/division models
- Fraction - part/part/whole and the relationship
- Problem solving

3rd Grade Skills:

- Place value to 1,000
- Addition and subtraction with regrouping
- Repeated addition and arrays
- Problem solving using a picture, math sentence, answer statement
- Fractions

2nd Grade Skills:

- Part/whole relationship (bonds to 10)
- Counting
- Fluency to 10 with adding/subtracting
- Place value

1st Grade Skills:

- Number recognition
- Number sense
- part/whole relationship (number bond)
- Counting on
- Fluency to 5