



## 3<sup>rd</sup> Grade Mathematics Curriculum

Welcome to ACE's Tutoring LLC's 3<sup>rd</sup> Grade Mathematics sessions. These sessions are conducted in hourly increments and will provide both enlightenment and enrichment for 3<sup>rd</sup> Grade Mathematics. At the end of these sessions, the student may be assigned a worksheet that will further their understanding of any of the offered topics. At this tutoring firm, the goal is to ensure that the enrolled student receives a letter grade of a B or higher and have a deeper understanding of the following topics:

- **ALGEBRAIC THINKING/OPERATIONS**
  - Representing and solving problems that include multiplication and division.
  - Learning times tables via activities and flashcards. (2's , 5's , 10's, 3's , 9's , 6's , 4's, 8's and 7's)
  - Multiplying and dividing numbers that are less than 100.
  - Solving problems involving all four operations and identifying arithmetic patterns.
  - **Heart Stamp Assessment** ♥
- **NUMBER AND OPERATIONS IN BASE TEN**
  - Deeper understanding of place value and performing multi-digit arithmetic.
  - Rounding Whole Numbers to the Nearest Ten Or Hundred
  - Multiplying Single Digit Numbers of Multiple 10
- **NUMBER AND OPERATIONS – FRACTIONS**
  - Introducing fractions that contain the denominators of 2, 3 , 4 ,6 and 8.
    - Understanding that fractions are 'part of a whole'
    - Understanding equivalence in fractions
  - **Diamond Stamp Assessment** ♦
- **MEASUREMENTS AND DATA**
  - Solving problems involving money, measurement, estimation of intervals of time , liquid volumes and masses of objects.
    - Tell and write time to the nearest minute
    - Measuring liquid volumes and masses of objects using the standard units of grams , kilograms and liters.
  - Represent and interpret data

- Create scaled picture graphs and scaled bar graphs to represent categorical data
  - Generate measurement data and creating line plots
- Club Stamp Assessment ♣
- **GEOMETRY**
  - Further understanding of common shapes and their attributes
    - Draw triangles , quadrilaterals and polygons based on the number of sides
  - Understanding the geometric measurements : perimeter and area.
    - Finding the unknown length given a polygon and it's perimeter
    - Understanding the concept of area
  - Spade Stamp Assessment ♠

For in class settings, worksheets, activities and projects will be incorporated within these topics for the enrolled student(s) to achieve a better understanding. A prize system will also be established for any student who excels in these topics. If you have any questions, please feel free to contact our company email [acestutoringllc@gmail.com](mailto:acestutoringllc@gmail.com).

Thank you and we hope to see you at our sessions!