

Dear Parents/Guardian,

Welcome to 7th grade Math! I look forward to a successful year working with your child. I believe that with a combined effort from the teacher, student, and parent we can make it happen.

To ensure success in mathematics, there are a few items that I would like to draw to your attention.

Your child will be issued a textbook to keep at home. We will have a class set at school for them to work out of.

Each child will be issued an agenda. He/she will write down the topic or objective to be covered in class for that day. If there is an assignment to be completed in class it will be listed as well as the homework assignment for the night. Upcoming dates of test are included in the planner as well. I will place a stamp for the day if the homework assignment is completed when I check at the beginning of the period. Approximately once each week I will write your child's average on the calendar. If it is at the three week point there will be a progress report sent home and at the six week point there will be a report card sent home.

Daily grades make up 40% of your child's six week average. Daily grades consist of quizzes, assignments, and daily warm ups to be completed during the class period. There will be no acceptance of late daily work. **Students must show all work to receive full credit.**

Homework assignments make up 10% of the six weeks average. There will be four homework assignments each week (Monday through Thursday). Homework is to be completed at home and will be graded at the beginning of the next class period. There is a 20 point value for each homework assignment. **Students must show all work to receive full credit.** They receive the full 20 pts for just doing the work. The remaining 20 points are acquired by filling in of the daily assignments in the planner.

Tests are given as a unit of instruction when it is completed and on every Friday a 10 question test over topics covered during warm ups at the beginning of class. One of the tests is review of the six weeks material in TAKS format and is issued by the district. Tests make up 50% of the student's six weeks average. For classroom tests, there will be a review sheet given to the student that is gone over during class. **Students must show all work to receive full credit.** Please encourage your child to study for tests as it makes up a large portion of the child's average.

Thank you in advance for all of your efforts to work with your child and with me in assuring a successful year! If you have any questions please feel free to contact me at jplunkett@newcaneyisd.org or call 281-577-8840.

Sincerely,
Janet Plunkett

Unit 1 – Operations with decimals

model mult & div
all operations

Unit 2 – Fractions/ Decimals/Percents

compare & order
converting between each
all operations with fractions

Unit 3 – Integers

compare & order
modeling using # line
all operations

Unit 4 – Ratio, unit rate, proportions

ratios
write & solve proportions
compare & contrast
relationships
map scale & scale drawings

Unit 5 – Percent applications

problem solving with percents
tax, discount, tip, interest, etc.
percent change

**Unit 6 – Exponent, Square & square root
Order of operations**

Unit 7 – Algebra Readiness

expressions
solving equations
combining like terms
function tables
graphing

Unit 8 – Geometry concepts

2 dimensional & 3
dimensional
perimeter, circumference,
area, volume
surface area
generate formulas
charts & tables

Unit 9 – Patterns & Relationships

geometric patterns
number patterns & sequence
translate equations
graph relationships

Unit 10 – Probability & statistics

simple & compound events
mean, median, mode, range
appropriate graphs
graph data
making inferences
Venn diagrams
choose appropriate graph

Unit 11 – After TAKS

Scientific notation
effects of changing
dimensions proportionally
Pythagorean theorem
lateral area & surface area
of a cylinder
volume of sphere, cone, &
pyramid