

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 – Order of operations

exponents
use order of operations
positive & negative solutions

Unit 5 – Solving Equations

hands on equations

Unit 6 – Proportional Relationships

ratios, rates, unit rates
scales & scale drawings
solving proportions in a
problem situation

Unit 7 – Geometry concepts

2 dimensional & 3 dimensional
perimeter, circumference,
area, volume
square & square root
similar figures
generate formulas

**Unit 8 – Coordinates & algebra
readiness**

ordered pairs & graphing
graphing translations
patterns & sequence
matching equations &
word problems

**Unit 9 – Probability & Statistics
sample spaces**

probability of simple &
independent events
making inferences
mean, median, mode, range
graph data
choose appropriate graph
interpret graphs

Unit 10 – After TAKS

scientific notation
Pythagorean theorem
graph equation
solve equations

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. Each day your child will write down the daily homework assignments. Upcoming test or projects will also be listed in the agenda. Every Tuesday graded papers will be sent home. At that time I will write any comments needed in the agenda. Please check your child's agenda on a weekly base. 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. **Students must show all work to receive full credit.**

Tests are given as a unit of instruction when it is completed. There will be a minimum of three tests per six weeks. One of the tests is a review of the six weeks material in TAKS format and is issued by the district. A ten question test will also be given every Friday over the warm ups. 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 kpursley@newcaneyisd.org or call 281-577-8840.

Sincerely,

7th Grade Math Teachers