Incoming Grade 7 Math Skills 2018

All students should have a mastery of the following:
- **ALL** basic math facts (addition, subtraction, multiplication, and division)
- How to perform the four operations (addition, subtraction, multiplication, and division)
- How to solve word problems

Grade 6:
With whole numbers:
- Recognize place values to 1,000,000,000
- Round and estimate
- Compare and order
- Add, subtract, and multiply multi-digit numbers
- Divide with 2 digit divisors

Fractions and mixed numbers:
- Know the terms, *numerator, denominator, mixed number*
- Reduce to simplest form
- Find equivalent fractions
- Do simple addition and subtraction
- Recognize fractions in place value system

Decimals:
- Recognize place value to .001
- Recognize decimals in place value system
- Add, subtract, multiply and divide decimals

Grade 7:
Whole numbers using order of operation
Whole numbers with exponents
Perfect squares up to 20 x 20 = 400
Decimals:
- Recognize place value to .00001
- Round and estimate
- Compare and order
- Addition, subtraction, multiplication, and division of decimals
- Convert decimals to fractions and fractions to decimals

Fractions and mixed numbers:
- Round and estimate
- Compare and order
- Addition, subtraction, multiplication, and division
- Convert from mixed number to improper fraction and improper fractions to mixed numbers