

GENERAL MATH B

SCOPE

This course continues to reinforce basic mathematical skills through the introduction and application of fractions, decimals, percents, measurements and metrics. Students are required to complete computations relevant to daily life situations.

SEQUENCE

UNIT VI - Fractions

1. Identify fractions as part of the whole.
2. Identify proper, improper and mixed number fractions.
3. Write equivalent fractions.
4. Reduce fractions to lowest terms.
5. Rename fractions.
6. Identify the GCF and the LCD.
7. Add fractions.
8. Subtract fractions.
9. Multiply fractions.
10. Divide fractions.

UNIT VII - Decimals

1. Understand place value.
2. Read and write decimals.
3. Round decimals.
4. Change decimals to fractions and fractions to decimals.
5. Add decimals.
6. Subtract decimals.
7. Multiply decimals.
8. Divide decimals.

UNIT VIII - Percents

1. Change decimals to percents.
2. Change common fractions and mixed numbers to percent.
3. Change percents to decimals.
4. Change percents, common fractions and mixed numbers.
5. Find a percent of a number.
6. Find what percent one number is of another.
7. Find a number when a percent of it is known.
8. Solve percent by proportion and ratio.

UNIT IX - Measurement

1. Identify lines.
2. Measure lines.
3. Understand plane closed figures.
4. Find perimeters.
5. Compare lineal units of measure.
6. Compare units of liquid measure.
7. Compare units of mass.
8. Add and subtract measures.
9. Multiply and divide measures.
10. Find areas.
11. Find volumes.

UNIT X - Metrics

1. Measure metric length.
2. Understand metric meanings.
3. Apply metric conversions.
4. Find sums or differences.
5. Find the perimeter.
6. Find the area.
7. Find the volume.
8. Find the weight.
9. Understand Celsius temperatures.
10. Apply metrics.