# CAR Unit Template

## Unit Title: Mathematics – Expressions, Equations, and Geometry – Unit 3 – Module B

**Grade level: Grade 6**

**Timeframe:**

## Essential Questions

## Standards

### Standards (Taught and Assessed):

 **6.EE.B.5** Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an equation or inequality true.

 **6.EE.B.7** Solve real-world and mathematical problems by writing and solving equations of the form *x* + *p* = *q* and *px* = *q* for cases in which *p*, *q* and *x* are all nonnegative rational numbers.

 **6.EE.C.9** Use variables to represent two quantities in a real-world problem that change in relationship to one another; write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation. *For example, in a problem involving* *motion at constant speed, list and graph ordered pairs of distances and times, and write the equation d = 65t to represent the relationship between* *distance and time.*

**Key**: Major Cluster Supporting Cluster Additional Cluster

### Highlighted Career Ready Practices and 21st Century Themes/Skills

### Social-Emotional Learning Competencies

## Instructional Plan

Pre-Assessment and Reflection

| **Pre-Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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Student Learning Objectives (SLO), Strategies, Formative Assessment, Activities and Resources (add rows as needed)

| **SLO – WALT****We are learning to/that** | **Student Strategies** | **Formative Assessment** | **Activities and Resources** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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| **6.EE.B.5 – WALT** determine if a given number from a specified set is a solution to an equation or an inequality using substitution |  |  |  |  |
| **6.EE.B.7 – WALT** write and solve equations of the form *x* + *p* = *q* and *px* = *q*, where *p*, *q*, and *x* are all nonnegative rational numbers, for real-world and mathematical problems |  |  |  |  |
| **6.EE.C.9 – WALT** two quantities which change in relationship to one another are expressed as independent and dependent variables |  |  |  |  |
| **6.EE.C.9 – WALT** write an equation using two quantities, an independent and a dependent variable, to represent a real-world problem |  |  |  |  |
| **6.EE.C.9 – WALT** analyze the relationship between the dependent and independent variables using graphs and tables and relate them to the equation |  |  |  |  |

Benchmark Assessment 1

| **Benchmark Assessment** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections**  |
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Benchmark Assessment 2

| **Benchmark Assessment**  | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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Summative Assessments (add rows as needed)

| **Summative Assessment**  | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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Interdisciplinary Connections

| **Interdisciplinary Connections** | **Modifications (ELL, Special Education, Gifted, At-risk of Failure, 504) and Reflections** |
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