

Common Core Lesson Planning Template

Grade Level 9th Algebra I A		Teacher/Room: S. Pinson/Room 182		Week of: August 15-19, 2016	
Unit Vocabulary: see attached					
Instructional Strategies Used: direct instruction, independent study, interactive instruction, partners					
Day 1	Day 2	Day 3	Day 4	Day 5	
Common Core Standard(s): MGSE9-12.S.ID.1 MGSE9-12.S.ID.2 MGSE9-12.S.ID.3 MGSE9-12.S.ID.5	Common Core Standard(s): MGSE9-12.S.ID.1 MGSE9-12.S.ID.2 MGSE9-12.S.ID.3 MGSE9-12.S.ID.5	Common Core Standard(s): MCC9-12.A.SSE.1 Interpret expressions that represent a quantity in terms of its context.	Common Core Standard(s): MCC9-12.A.SSE.1 Interpret expressions that represent a quantity in terms of its context.	Common Core Standard(s): MGSE9-12.A.REI.3 Solve linear equations and inequalities in one variable including equations with coefficients represented by letters.	
EQ Question: How do I best represent data?	EQ Question: How do I best represent data?	EQ Question: How can you use variables to write an expression that represents a quantity in terms of its context?	EQ Question: How can you use variables to write an expression that represents a quantity in terms of its context?	EQ Question: How can you use addition and subtraction to solve equations?	
Mini Lesson: 24 Activating Strategies: What is it? Lesson: 1. Review Sheet 2. Review Game	Mini Lesson: vocab Activating Strategies: Ask the teacher questions Lesson: 1. Quick Review 2. Test :Data Unit A 3. Friday Worksheets	Mini Lesson: Pre-Test for Unit 0 Activating Strategies: 2 Chuck Norris + 3 Chuck Norris = ? Lesson: Identifying Parts of an Expression; Combining Like Terms 1. http://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equivalent-expressions/v/combining-like-terms 2. Identifying the parts of an expression, using guided notes 3. Combining like terms notes 4. Assignment: KUTA WS	Mini Lesson: Partner Activity – Exploration Variables and Expression Activating Strategies: Words describing mathematical operations Lesson: Translating verbal expressions to algebraic expressions 1. Notes on translating verbal to algebraic (graphic organizer) 2. Practice Problems 3. Assignment-packet 4. Ticket out the door	Mini Lesson: Partner Activity – matching expressions Activating Strategies: Right/Wrong. Lesson: Solving simple equations 1. Steps on solving equations 2. Guided Practice Problems 3. Assignment	
Resource/Materials: Powerpoint, review sheets	Resource/Materials: tests, Friday worksheets	Resource/Materials: Powerpoint, Guided Notes, Worksheets	Resource/Materials: Powerpoint, Graphic Organizers, WS	Resource/Materials: Powerpoint, worksheets	
Differentiation: Content/Process/Product: Grouping Strategy: Assessment:	Differentiation: Content/Process/Product: Grouping Strategy: Assessment:	Differentiation: Content/Process/Product: guided notes Grouping Strategy: Assessment: informal	Differentiation: Content/Process/Product: graphic organizer Grouping Strategy: partners Assessment: pre-test	Differentiation: Content/Process/Product: Grouping Strategy: partners Assessment: pre-test	
Assessment : Formative: thumbs up/down Summative:	Assessment : Formative: Summative: Test- Data Unit A	Assessment : Formative: thumbs up/down Summative:	Assessment : Formative: ticket out the door Summative:	Assessment : Formative: thumbs up/down Summative:	
Homework: study	Homework: work on Friday WS	Homework: Day2Combining Like Terms Worksheet	Homework: Day3 Parts Of Expression And Translating WS	Homework: Solving Equations WS	

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- **Algebra:** The branch of mathematics that deals with relationships between numbers, utilizing letters and other symbols to represent specific sets of numbers, or to describe a pattern of relationships between numbers.
- **Binomial Expression:** An algebraic expression with two unlike terms.
- **Capacity:** The greatest volume that a container can hold. • **Circumference:** The distance around a circle.
- **Coefficient:** A number multiplied by a variable.
- **Constant Term:** A quantity that does not change its value.
- **Expression:** A mathematical phrase involving at least one variable and sometimes numbers and operation symbols.
- **Factor:** When two or more integers are multiplied, each integer is a factor of the product. "To factor" means to write the number or term as a product of its factors.
- **Integer:** The set of numbers ..., -3, -2, -1, 0, 1, 2, 3, ...
- **Irrational Number:** A number whose decimal form is nonterminating and nonrepeating. Irrational numbers cannot be written in the form a/b , where a and b are integers (b cannot be zero). So all numbers that are not rational are irrational.
- **Monomial Expression:** An algebraic expression with one term.
- **Perimeter:** The sum of the lengths of the sides of a polygon.
- **Rational Number:** A number expressible in the form a/b or $-a/b$ for some fraction a/b . The rational numbers include the integers.
- **Standard Form of a Polynomial:** To express a polynomial by putting the terms in descending exponent order.
- **Term:** A number, a variable, or a product of numbers and variables.
- **Trinomial:** An algebraic expression with three unlike terms.
- **Variable:** A letter or symbol used to represent a number.
- **Volume:** The amount of space occupied by an object.
- **Whole numbers:** The numbers 0, 1, 2, 3,