**Teacher:** Kim Maxey, Robious MS  
**Date:** Oct 8, 2009  
**Subject/Class/Grade:** MSM1/6th  
**Unit/Theme:** Patterns, Functions, Algebra  
**Standard:** 6.23

**Content Objective (Benchmark)** - Name the variable, coefficient, term, and operation in an algebraic expression.

**Language Objective (Desired Result)** - Define algebraic terms. Write verbal expressions as algebraic expressions.

### Key (Special) Vocabulary
- Algebra
- Algebraic expressions
- Variable
- Term
- Coefficient
- Operation
- Verbal expression

### Supplementary Materials (graphs, models, visuals) (Marzano)
- Foldable
- Matching cards
- Cut/sort cards
- Concept map

### Preparation /Building Background
**Setting the Stage**
- **Adaptation of content**
- **Links to background**
- **Bridge to what is known**
- **Links to Past Learning**
- **Meaningful activities**
- **Connect to real world**

### Strategies
**Effective Instruction**
- **Modeling**
- **Guided Practice**
- **Independent Practice**
- **Higher Order Thinking Questions**

**Briggs**
- Opportunities to use learning strategies
- (monitoring and clarifying learning; note taking—mapping)

### Grouping Options
**Cooperative learning: Inter/Intrapersonal**
- **Whole Class**
- **Small Group**
- **Partners**
- **Independent**

### Practice/Application
**Blooms- Application**
- **Integration of skills**
  - **Reading**
  - **Listening**
  - **Writing**
  - **Speaking**
- **Application of knowledge**
  - **Hands-on materials/manipulatives**
  - **Bodily/kinesthetic**

### Comprehensible Input
- **Clear explanation of tasks**
  - (explain directions)
- **Uses gestures demonstration; adjusts speech**
- **Modeling, visuals, graphic organizers**

### Review-Assessment (closure)
- **Review of key concepts**
- **Review of key vocabulary**
- **Provides regular feedback**
- **Various types of assessment**
- **Spot checking, group response**
- **Testing**
Procedure:
1. Building Background (whole group): Algebra/What does this word mean to you?
   *Turn and Talk
   *Share out
   *Anchor chart
2. Activity (whole group): Put vocabulary words and an algebraic expression on the board. Try to match. Let them come up with definitions in their own words as they match.
3. Activity: (whole group/individual): Make a foldable.
4. Review Activity (whole group): Match algebraic vocabulary to variables, terms, coefficients, expressions, and equations.
5. Practice (individual/whole group):
   *Scope and Sequence Worksheet
   *Model
   *Complete
   *Check together
   *Glue into spirals
6. Concept Map (whole group)
   *Complete the concept map together
   *Glue into spirals
7. Changing verbal expressions into algebraic expressions (whole group):
   *Make chart in spirals of addition, subtraction, multiplication, and division words.
   *Anchor chart
8. Practice (individual/whole group):
   *Worksheet
   *Model
   *Complete
   *Check together
   *Glue into spirals
9. Practice (independent)
   *Worksheet(grade)
9. Activity (whole group/individual):
   *Cut/sort/match-sort/match algebraic vocabulary to numbers, variables, terms, coefficients and match numbers, variables, terms, coefficients to vocabulary.
10. Culminating Activity (whole group)
    *Bingo algebraic vocabulary