

☺ KID-FRIENDLY ☺¹

PRE-ALGEBRA STANDARDS

WINTON MIDDLE SCHOOL
FIRST QUARTER 2006

DIRECTIONS FOR TEACHERS: 1) **POST ON BOARD**
2) **READ STANDARD WITH CLASS**
3) **REREAD STANDARD WITH CLASS**
AFTER THE LESSON OR NEXT DAY TO SEE IF
STANDARD WAS ACCOMPLISHED
(CAN THEY DO THE MATH?)

CHAPTER ONE (OPERATIONS WITH NUMBERS)

- 1.2 I UNDERSTAND MATH SYMBOLS. I CAN TRANSLATE MATH SENTENCES INTO VERBAL PHRASES.
- 1.3 I CAN EXPLAIN WHAT A POWER IS. I CAN EVALUATE AN EXPRESSION USING A POWER.
- 1.4 I CAN USE THE ALMIGHTY ORDER OF OPERATIONS TO SOLVE EXPRESSIONS.
- 1.7 I CAN REWRITE EXPRESSIONS USING PROPERTIES.
- 1.8 I CAN DISTRIBUTE A MONOMIAL (ONE TERM) TO A BINOMIAL (2 TERMS).

CHAPTER TWO (OPERATIONS IN ALGEBRA)

- 2.2 I KNOW WHAT LIKE TERMS ARE. I CAN SIMPLIFY AN EXPRESSION BY COMBINING LIKE TERMS.
- 2.4 I CAN USE VARIABLES AND OPERATIONS TO WRITE EQUATIONS.
- 2.5 I KNOW WHAT THE PROPERTY OF EQUALITY IS. I CAN SOLVE EQUATIONS USING THE PROPERTY OF EQUALITY.
- 2.6 I CAN SOLVE EQUATIONS USING THE PROPERTY OF EQUALITY.
- 2.8 I CAN READ INEQUALITIES. I CAN EVALUATE INEQUALITIES.

CHAPTER 3 (OPERATIONS WITH INTEGERS)

- 3.1 I CAN GRAPH AN INTEGERS AND THEIR ABSOLUTE VALUES. I CAN COMPARE INTEGERS.
- 3.2 I CAN FIND THE SUM OF INTEGERS USING A NUMBER LINE AND THE CHIP METHOD.
- 3.3 I CAN USE RULES TO FIND THE SUM OF INTEGERS.
- 3.4 I CAN SUBTRACT INTEGERS BY ADDING THEIR OPPOSITE (ADDITIVE INVERSE).
- 3.5 I KNOW IF THE PRODUCT OF TWO INTEGERS IS POSITIVE OR NEGATIVE. I CAN FIND THE PRODUCT OF TWO INTEGERS.
- 3.6 I CAN DIVIDE INTEGERS BY USING THE SAME RULES WE LEARNED TO MULTIPLY INTEGERS.
- 3.7 I CAN EVALUATE EXPRESSIONS INVOLVING INTEGERS.

CHAPTER 4 (ALGEBRA AND EQUATION SOLVING)

- 4.1 I CAN EVALUATE 2-STEP EQUATIONS AND CHECK TO SEE IF MY ANSWER IS CORRECT.
- 4.2 I CAN EVALUATE MULTI-STEP EQUATIONS AND CHECK TO SEE IF MY ANSWER IS CORRECT.
- 4.3 I CAN EVALUATE 2-STEP EQUATIONS WITH NEGATIVE COEFFICIENTS AND CHECK TO SEE IF MY ANSWER IS CORRECT

¹ Created by Mr. Leon, Mr. Ruiz, Mr. MacCarthy