# LEARNING PLAN

**Exploratory Activities**

- Guess my number?
- The Meaty Mystery

**Concept**

Solving linear equations  
(for Algebra 1)

**Concept Development Activities**

- Balance logic
- Cups and counters
- Algebra blocks
- You make the machine
- Calendar Fun (from Cynthia Lanius)
- Solving by calculator
- Earth Update

**Materials and Resources**

Algebra tiles, calculators, computers, balance, foam cups, two-color counters, colored jerseys, and large blankets or tarps. I also need any necessary printed material for the entire unit.

**Basic Facts and Standard Algorithms Formalized**

- McDougal Littell Algebra 1 Explorations and Applications pp. 61-65
- Algebra tiles activities from Algebra 1 an integrated approach pp. 120-123
- Worksheet- Books Never Written
- Worksheet- Did you hear about…
- Carnegie Software Section 3
- I have…..Who has…? (Review for Test)

**Originality and Creativity**

**Student Products**

**Written**
Students will write a story in which they will explain how to solve an equation. Creativity is highly encouraged.

**Verbal**
Students will write a poem or rap about how to solve an equation. No certain length on the poem or rap but it must contain a full description

**Kinesthetic**
Students will do a skit on how to solve one or two step equations.

**Visual**
Students will make a poster, in which they will show and explain the steps to solving an equation.

**Assessment**

Teacher-made test, oral quizzes written assignments.

**Related TEKS/TAKS**

(b)1C, (b)1D, (b)3A, (b)3B, (b)3C