

Algebra/Geometry Institute Summer 2004

Lesson Plan Three

Faculty Name: Myra Bradfield

**School: Shelby Middle School
Shelby, MS 38762**

Grade Level: 6th

1 Teaching objective(s)
Students will illustrate inequalities.

2 Instructional Activities

The teacher will define inequality and explain the words and symbols.
The teacher will discuss how to illustrate inequality using whole numbers on a number line.

The teacher will have the students make a human number line. Each student will be given a number from one to ten.. Starting from the smallest number to the largest number, the students will make one single line by placing themselves in order. The teacher will write an inequality on the board. The students will illustrate the inequality by sitting down (for example, X is greater than four. All students with numbers greater than four will sit down.).

The teacher will pass out typing paper and colored pencils to the class.
The student will draw a number line with the whole numbers 0 to 10.
Students will draw large dots at each number that is a solution of the inequality below .The teacher will walk around and observe the class to make sure everyone is on task.
Students will work problem 1 through 4. **(SEE ATTACHMENT)**

3 Materials and Resources

Typing paper
Colored pencils
Number card
Glencoe Mathematics Application and Connections Course 2

4 Assessment

Observation: The teacher will walk around and check to see if students are on task.

Attachment

Draw a large dot at each whole number that is a solution to the inequality

1. $X \geq 2$

2. $X < 3$

3. $X \leq 6$

4. $X + 2 > 3$