

Poster Session

Name: Lisa Booth

Date: 4.9.09

Subject: Algebra I

Approximate Time: 55 minutes

Objectives:

The Student Will...

1. *write* equations from word problems. (2a: DOK 1)
2. *solve* linear equations, systems of equations, and systems of inequalities using multiple methods. (2a, 2e, 2f: DOK 3)

Materials:

Teacher: Poster Problems/Grading Rubric

Student: Pencil/Poster Paper/Marker/Poster Problems/Grading Rubric

Bell-Ringer: (5 minutes)

Brainstorm what equation and inequality mean.

TT&SW discuss their ideas before beginning the poster session.

Set: (3 minutes)

1. TTW have a student read the objectives from the board.
2. TTW pass out the poster rubric and go over it with students. (See rubric at the end of the lesson)
3. TSW get into groups of three.
4. TSW take out the poster problem homework sheet (given to them the day before).

Procedure: (35 minutes)

1. TTW give each group poster paper with a problem number written on it, and a colored marker.
2. TSW create a poster of their problem (12 minutes),
 1. Write down their solution
 2. Show their work
 3. Explain how they got their answer
3. TSW pass their posters around the room (about 6 minutes per poster)
 1. Each group must make a meaningful contribution to each poster they see.
 1. Make additional observations
 2. Explain something further
 3. Solve using a different method
 4. Some other meaningful contribution
 2. Each group will use a different colored marker so TTW be able to identify which group made which comment.

Closure: (12 minutes)

1. TSW come up and present their poster. At this time they can respond to any comments that were written on their poster. (about 2 minutes per group)
 1. Student must speak to the class, and explain their problem fully.
 2. While in the audience students must be listening respectfully.
2. TTW collect all of the posters and markers.

3. TTW have a student read the objective from the board.

Assessment:

Objective: *write* equations from word problems.

Informal: TTW observe (M) as students start work on their posters (C).

Formal: TTW collect the students posters (M) and grade them based on the rubric below (C). The grade will be recorded in the grade book (D).

Objective: *solve* linear equations, systems of equations, and systems of inequalities using multiple methods.

Informal: TTW observe (M) as students start work on their posters (C).

Formal: TTW collect the students posters (M) and grade them based the rubric below (C). The grade will be recorded in the grade book (D).

Poster Rubric

	2	1	0
Poster	Poster gives a solution with a full explanation.	Poster gives a solution, but does not explain the answer.	Poster is left blank
Comments – poster 1	Meaningful contribution with a full explanation	Contributes to the poster but does not explain.	No comment given
Comments – poster 2	Meaningful contribution with a full explanation	Contributes to the poster but does not explain.	No comment given
Comments – poster 3	Meaningful contribution with a full explanation	Contributes to the poster but does not explain.	No comment given
Presentation*	Clearly explains problem, and is respectful during other's presentations.	Explains their problem, not respectful during presentations.	Does not explain their problem, and is not respectful during other presentations.

*Continuous misbehavior/disrespect during presentations will result in a zero.