

TITLE OF LESSON

Algebra 1 Unit 1 Lesson 30 – The Play  
*You Do Speak Math: Creation of the Individual*

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TIME ESTIMATE FOR THIS LESSON

One class period (Sixth of 9)

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ALIGNMENT WITH STANDARDS

California – Algebra 1:

**5.0** Students solve multistep problems, including word problems, involving linear equations and linear inequalities in one variable and provide justification of each step.

**16.0** Students understand the concepts of a relation and a function, determine whether a given relation defines a function, and give pertinent information about given relations and functions.

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MATERIALS

**Checklist for Concepts in Algebra 1 Unit 1** – Student Page

**Musical Rubric** – Student Page

Pens and paper

CD/tape player (Computer with CD drive)

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LESSON OBJECTIVES

- To work on teamwork
  - To begin to finalize our concepts and plan for each part of the play
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FOCUS AND MOTIVATE STUDENTS

- 1) Homework Check – Collect complete homework assignments. You'll pass them back in tomorrow's lesson. Pass back graded assignments and have students place them in the appropriate section of their folders.
  - 2) **Agenda** – Have students copy the agenda you posted.
  - 3) Invitations – Ask for the invitations students have drawn. If no one has one, they'll have to do them over the weekend and have them to you by Monday. Time is running out. If they decided last week that they didn't want to perform for others, ask them again. Generally, they'll decide they do want to perform and if they realize too late, they won't be able to.
  - 4) Choose Invitation – If they have the invitations, do a quick class vote and select which one(s) you want to use. You commit to copying these by the end of the day and ask for a student to come by after school to put the invitations in teachers' boxes. At some time, check to see which teachers have classes that period and which might be interested in bringing their classes to see a performance.
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ACTIVITIES – INDIVIDUAL AND GROUP

1. Review – Begin with a review of what went on in class 25. Have a discussion on any modifications that may be made of the plans based on the last week's classes.
2. Checklist and Rubric – Be sure the **Checklist for Concepts in Algebra 1 Unit 1** is posted or that you have handed it out to students. Have them be sure they are incorporating all of the concepts they have learned so far. You may also want to have the **Musical Rubric** posted so that students can refer to requirements as they design their portion of the musical.
3. Group Work – Break into the various groups.

4. **Required Progress** – Stress that there will be 2 more play related classes after this one. We should begin to have the ideas finalized and now be creating the actual project. We should be writing the dialogue. Some role playing would be good. The music should be taking form. We should begin to practice or demonstrate some dance steps and we should sketch out the sets. Everything needs to be written down in script form and using mathematical terms in the order it is going to occur.
  5. **Folders** – Set aside five or ten minutes at the end of the period for students to organize their folders. They should have been working on the organization and making sure they have all assignments and notes prior to this class. So this should only take a minute. Collect their folders to grade tonight.
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#### HOMEWORK

None

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#### GROUP ROLES

**Recorder** – The Recorder will record the group’s ideas.

**Facilitator** – The Facilitator will keep group members focused on the activity.

**Presenter** – The Presenter will present to the class any ideas the group comes up with.

**Manager** – The Manager is responsible for getting materials the group needs.

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#### DOCUMENTATION FOR PORTFOLIO

None