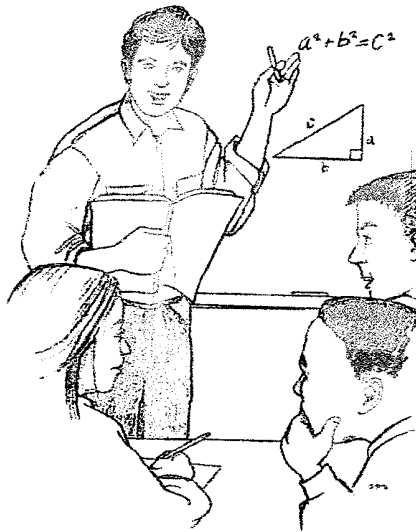


Name \_\_\_\_\_

Project Due Date \_\_\_\_\_

STUDENT GUIDE 22.1

# Becoming the Experts



## Situation/Problem

Your group will plan and teach a math lesson to your class.

## Possible Strategies

1. Brainstorm with your group to decide on a lesson that you would like to teach.
2. Divide tasks among group members to make the project easier to manage.

## Special Considerations

- Because there are various tasks to researching and developing a lesson, divide them. For example, individual group members may be designated to handle some of the following:

Research

Making visual aids (models, charts, posters, transparencies, graphs)

Writing the plan

Obtaining and using equipment necessary to your lesson

Teaching the actual lesson

Preparing activities for students (sample problems, worksheets, quizzes)

# Outline for Expert Project

**By:** \_\_\_\_\_  
\_\_\_\_\_

## **Introduction**

The following lesson plan will introduce a new form of a linear equation to students. They will be given a humorous acronym and anecdote in order to help facilitate retention.

## **Basic Approach**

## **Materials and Resources**

## **Learning Activities**

### ***Student Activities***

## **Closure**

### ***Assessment based on Objectives***

Name \_\_\_\_\_

DATA SHEET 22.2

## A Student Sample Lesson Plan Guide

There are many kinds of lesson plan formats that teachers may use. Following is a common one that you can use in planning your math lesson:

**Objective:** What do you want the students to know after you have taught the lesson? What will they be able to do?

**Method:** How are you going to teach the lesson? Some suggestions include:

Pose a problem.

Demonstrate using a model.

Show examples on the board or an overhead projector.

Illustrate the concept on a poster.

Make a table, chart, or graph.

Use calculators or computers.

Provide practice problems.

**Procedure:** What are you going to do first? Second? Third?

**Materials:** What do you need to assemble or prepare in advance? What supplies or equipment will you need?

**Evaluation:** How will you know if you accomplished what you set out to do? In other words, how can you show that students learned what you taught?

## Becoming the Experts *(Cont'd.)*

- Review Data Sheet 22.2, and use the information to guide you in developing your material.
- Complete Worksheet 22.3, which will help you to produce a good lesson. Submit the worksheet to your teacher for approval.
- Select who will present the lesson to the class. You may decide on one group member or have two, three, or everyone take a part.
- Practice and coordinate the presentation of your lesson. Make certain that you have any special materials or equipment you need ahead of time. Make sure you know how to work the equipment and that the equipment works.
- When presenting the lesson, speak clearly, and be willing to answer questions.
- If you distribute any handouts to your classmates, make sure that they understand what they are for and what they are to do with them. All directions should be clear.

### ***To Be Submitted***

A copy of your group's lesson plan.

### ***Notes***

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**NEW FAIRFIELD HIGH SCHOOL**  
**LESSON PLAN**

Department:

Course:

Unit:

**I. ESSENTIAL UNDERSTANDINGS:**

**II. LESSON OBJECTIVES and CONNECTION TO THE MISSION:**

**III. MATERIALS/RESOURCES:**

**IV. LEARNING ACTIVITIES:**

- **INITIATION:**

- **LESSON DEVELOPMENT:**

- **CLOSURE:**

**V. ASSESSMENT:**

**VI. ACCOMMODATIONS/DIFFERENTIATION:**