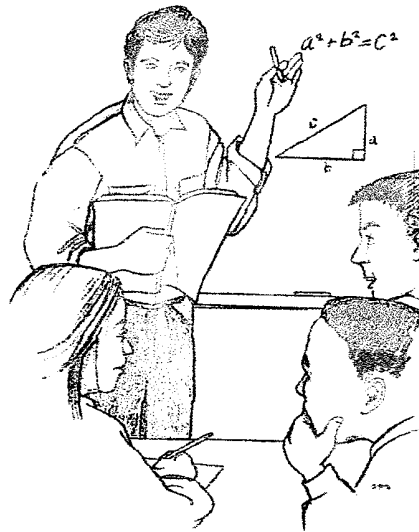


Name _____

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?



ROW 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:

Algebra 1 Rubric For Experts Project:

Name- _____

Company _____

| Technical Requirements: -Selection of topic to be taught. -Submit a brief outline of the topic and the lesson. -How you Plan to teach the lesson -List of Materials Required | | Points | SWR |
|---|---|--------|--|
| | All criteria are met . Some criteria are met. No criteria are met | 10 | |
| Academic Requirements - Research the topic and acquire the knowledge, and materials - Calculations - Examples | -Calculations, Examples, and lecture, demonstrate great proficiency/ knowledge in the content /topic. -Calculations , Examples and lecture demonstrate some proficiency in the content /topic. -Calculations, Examples, ,and lecture demonstrate little proficiency in the content /topic | 25 | EE ME NI 1.3.1 |
| - Lectures -Use of proper terminology and procedures to demonstrate proficiency in the topic and use of language pertaining to the topic. Create and Utilize - boardwork - charts, - displays - Preparation of outline and lesson plan. | - Lesson Plan reflects careful planning and adequate material for learning. - Extra materials used in the lesson are adequate and appropriate for the material. - Effective communication of the lesson. - Use of proper terminology and procedures to demonstrate proficiency in the topic and use of language pertaining to the topic. | 20 | EE ME NI 1.5.1 1.5.2 |
| Assessment: - Students will create a brief assessment to give to students in class. -The assessment should be from 3 to five questions and must be based on the material covered. | - Assessment was adequate and appropriate for the topic. -- -Administered properly | 15 | 1.4.1 |
| Reflection I: The student shall write a 100 word essay relating to the following: A. What areas of the lesson/project went well? C. What areas of the lesson/project might have been improved upon? D. Give examples to validate your Statements E The title shall be Arial 16 point Font . The body shall be Aral 12 point Font Double spaced | --Essay is of adequate length and detail shows reflection and honest self assessment. -Some criteria are met -Little or no criteria met. | 15 | EE ME NI 1.1.1 |
| Performance of Lesson: Overall lesson quality. | Excellent Satisfactory Poor | 5 | 6.0 |
| Classroom Management. | Excellent Satisfactory Poor | 5 | |
| Proficiency in the content. | Excellent Satisfactory Poor | 5 | |

Filename: Rubric for Alg1 Expert Project
Directory: F:\Projects\Alg1 Expert
Template: C:\Documents and Settings\Jim\Application
Data\Microsoft\Templates\Normal.dot
Title: Rubric For Mathematician Project:
Subject:
Author: James Lalime
Keywords:
Comments:
Creation Date: 12/14/2008 8:42:00 PM
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Last Saved By: James Lalime
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Number of Words: 64 (approx.)
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