

Lesson Plan

Text: *Financial Algebra* by Robert Gerver and Richard Sgroi

Unit number and title: Unit 1-1, Business Organization

Developed by: David Sandefur

Date:

Short Description:

This unit examines that one major decision that business owners have to make about the form of the business. The decision to be a sole proprietorship, partnership, or corporation is based on many aspects, such as profit, liability, and shares of stock

LESSON PLAN

TEACHER: Teacher Prep/ Lesson Plan

- **Essential Question**

How do businesses start?

- **Lesson Objectives**

The student can:

1. Learn the basic vocabulary of business organizations.
2. Compute financial responsibility of business ownership based on ratios and percents.

- **Statement of pre-requisite skills needed**

Skills taught in:

1. Converting a decimal to a percent
2. Converting a percent to a decimal

- **New Vocabulary:**

Capital	Money that is used to start or expand a business
Sole Proprietorship	A business that is owned by one person
Profit	The positive difference obtained when expenses are subtracted from revenue
Personally Liable	A business owner who is personally responsible for the debts of the business whether or not there is profit
Partnership	A business that is owned by more than one person; partners are each personally liable for the business
Corporation	A business organization that is owned by one person or a group of people, in which the owner has limited liability in the business and therefore, is not personally liable
Shares of Stock	Represent a share of ownership in the corporation
Shareholders	People who own shares of stock in a corporation
Limited Liability	Not being able to lose any more than the value of owned shares if a corporation fails or does not make a profit
Public Corporation	A corporation where any person can purchase a share of the stock in the corporation

- **State Standards addressed:**

Common Core Standards:

Algebra – Creating Equations A-CED

Algebra – Reasoning with Equations and Inequalities A-REI

- **Set-up information (Remind students to follow these basic rules.)**

1. Be Prepared to work
2. No Teasing
3. Proper Computer Usage

- **Teacher Assessment of student learning (scoring guide, rubric)**

Informal Assessments:

1. Walk around
2. Thumbs up or down
3. Homework

Formal Assessments:

4. End of Unit test

- **Summary of learning**

1. Introduce the vocabulary to the students.
 - a. Give the vocabulary list without definitions
 - b. Give the definitions to the vocabulary list
 - c. Discussion about each term of the vocabulary
2. Ask: How do businesses start?
 - a. Discuss the things that are used to determine the form of the business.
 - i. Profit
 - ii. Liability
 - iii. Shares of stock
 - b. Discuss common products that are sold every day.
3. Quick review of ratios and percentages.
 - a. Convert decimal to percentage, multiply the decimal by 100
 - b. Convert percent to a decimal, divide the percent by 100
4. Work on examples to strengthen skills.
 - a. Example 1, page 5
 - b. Example 2, page 5
 - c. Example 3, page 6
5. Check for Understanding.
 - a. Check for Understanding 1, page 5
 - b. Check for Understanding 2, page 6
 - c. Check for Understanding 3, page 6
6. Extend Your Understanding
 - a. Page 6
7. Assess with Applications

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REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge
<input type="checkbox"/> Needs help working Example 1, page 5 (Group work)	<input type="checkbox"/> Able to work Example 1, page 5 without assistance	<input type="checkbox"/> Able to create additional problems like Example 1, page 5
<input type="checkbox"/> Needs help working Example 2, page 5 (Group work)	<input type="checkbox"/> Able to work Example 2, page 5 without assistance	<input type="checkbox"/> Able to create additional problems like Example 2, page 5
<input type="checkbox"/> Needs help working Example 3, page 6 (Group work)	<input type="checkbox"/> Able to work Example 3, page 6 without assistance	<input type="checkbox"/> Able to create additional problems like Example 3, page 6
<input type="checkbox"/>	<input type="checkbox"/> Able to work the Check Your Understanding problems, pages 5 and 6	<input type="checkbox"/> Able to work and explain the Check Your Understanding problems, pages 5 and 6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Able to work the Extend Your Understanding on page 6

- **Optional activities**
Hands-on Labs
- **Career Applications**
Banker
Stockbroker
Construction Company
Medical
Engineering
Retail Sales
- **Evaluation of Lesson Plan**
What went well?

What did not go as well as planned?

What would I keep and what would I toss? Why?

How well did the students master the skills? Will we need to review this in order for them to remember the information long-term?

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