

Michelle Dale
7th/8th Grade Math
Money Saved Lesson - Stella

Mathematical Concept:

- Students will use the Money Saved program on *Stella* to calculate/check calculations about saving money, taking into consideration the amount deposited and number of months.

Standard 3 - Mathematics:

- Key Idea 1: Mathematical Reasoning
- Key Idea 4: Modeling/Multiple Representation

Materials:

- Computers (Class Set) – With Money Saved program on *Stella*
- Worksheet (attached)

Objectives:

Students will use the Money Saved program on *Stella* to:

- Calculate/check calculations on the Money Saved worksheet.
- Identify the two variables that affect the amount of money they save.
- Identify how results vary when manipulating the different variables.
- Create their own problem related to saving money.

Vision:

- **Teacher's Role**
This lesson will be used after the students have already learned about saving money and how to use *Stella*. As an introduction, a brief review of how to use the program will be given to the class. The students will complete the worksheet, showing all of their calculations and work. After completing the worksheet, the teacher will lead a discussion about the worksheet and will allow students to share the problems they wrote themselves with the class. The classmates can then check the work of each student using the Money Saved program.
- **Student's Role**
The students will apply their knowledge of saving money and how to use *Stella* to this lesson. After the introductions, they will complete the worksheet individually, showing all work and calculations. When the class comes together, students will share the different problems they created with the class. Classmates will check the work each student did and will discuss any different results that were found.

SCORE	4	3	2	1
Participation in Activity	-Each student takes a turn in activity	-Each student takes a turn in activity	-One student does not participate in activity	-Students do not participate in activity
Completion of Worksheet	-Worksheet is entirely complete -All answers are correct	-Worksheet is entirely complete -One answer is incorrect	-Worksheet is only partially complete -A few answers are incorrect	-Worksheet is incomplete -Most of the answers are incorrect
Participation in Class Discussion	-Student positively and willingly contributes to class discussion multiple times -Student listens to and is considerate of others	-Student positively and willingly contributes to class discussion at least once -Student listens to others	-Student only contributes to class discussion when asked -Student has to be reminded to listen and be considerate	-Student refuses to participate in class discussion -Student does not listen and is inconsiderate of others