Teacher Sara M. Hester

Subject/Topic/Unit Nutrition/Math

Date April 19, 2010 Grade 5

LESSON PLAN

II. Specific Objectives * Enrichment Objectives ** Remedial Objectives	Ind. #	III. Procedure A. Introduction/Motivation B. Study/Learning Activities C. Culmination D. Follow-up (Include directional statements for evaluation and any enrichment or individual activities)	IV. Materials/Resources	V. Evaluation related to objectives
		 A. Introduction/Motivation Read the text "Food Labels" to the class. (Language arts) Complete the reading and ask students to tell different components of a food label and what each means. Tell students that today we are going to learn how to use our math skills to read and calculate food labels. Tell students by the end of the lesson they will use these math skills to answer questions about food labels. 	"Food Labels"	
Objective #3: Given ten problems using rational numbers, the student will compute the answer using one of the four operations with no more than two errors. (Understand)		 B. Study/Learning Review division with decimals by putting problems on the board and working them as a class. Review multiplication with decimals by putting problems on the board and working them as a class. Ask students how many have ever worked math problems with decimals. Tell class that today we are going to learn how to change a decimal into a percent. Explain to students that multiplying a decimal by 100 turns the decimal into a percentage. Complete several examples on the board. Review rounding of decimals by putting problems on the board and working them as a class. (Guided Practice) Arrange the classroom into stations. Two similar food items will be at each station. Each station needs to be numbered and each food item needs to be lettered A or B at each station at timed intervals. 	Food items	

Teacher Sara M. Hester

Subject/Topic/Unit Nutrition/Math

LESSON PLAN

II. Specific ObjectivesIr* Enrichment Objectives** Remedial Objectives	nd. # III. Procedure A. Introduction/Motivation B. Study/Learning Activities C. Culmination D. Follow-up (Include directional statements for evaluation and any enrichment or individual activities)	IV. Materials/Resources	V. Evaluation related to objectives
	 Each student will need a calculator. A bell or whistle to signal move time will be used. At each station the students will record the number of calories per serving and the number of calories from fat per serving. They will then calculate the percent of calories from fat. 8. (Independent Practice) Give the students problems that focus on changing decimals to percentages, dividing decimals, multiplying decimals, and rounding to the nearest whole percent. Remind students that work is to be done individually. Tell students to turn their paper face down when complete. C. Culmination Divide the class into 2 groups. Instruct each group to create their own food label on their own new product. (Art) Have the group to create the box/can of the product. (Have supplies for each group. The group will then need to come up with 8 math questions regarding the food label they have created. Allow time for students to do this but encourage different members of the teams will swap products and the opposing team will ask their questions. There will be a tally kept on the correct number of answers each team gets. 		

Date April 19, 2010 **Grade** 5

Teacher Sara M. Hester

Subject/Topic/Unit Nutrition/Math

Date April 19, 2010 **Grade** 5

LESSON PLAN

II. Specific Objectives * Enrichment Objectives ** Remedial Objectives	Ind. #	III. Procedure A. Introduction/Motivation B. Study/Learning Activities C. Culmination D. Follow-up (Include directional statements for evaluation and any enrichment or individual activities)	IV. Materials/Resources	V. Evaluation related to objectives
		 D. Follow-up Tell students to clear their desks and to get out a pencil and a calculator. Tell students to bring me their work when it is completed. Give students a worksheet of ten questions on computing math problems from food labels. 	Food label worksheet: Attachment 4 Answer key: Attachment 5	Grade student work according to answer key.