THINK TANK

Get ready to join the most amazing Think Tank in the world! Our class will be working toward making a brilliant and thought-provoking display of some problems that you have solved during this class.

30 points each display:

1) Each student must choose 5 questions every 4 weeks. You are to transfer the questions that you choose to a notecard or piece of paper that you keep in a two pocket portfolio (that stays in the classroom). You need to work on these problems during class when you are given the time. There will be times in class that you will be able to speak to other people that may have chosen the same problem. There will also be a place in the classroom where you can post questions for other people to answer. Some problems may require you to research other areas of math, such as information you learned in previous grades.
2) At the end of each month, you will be presenting the 5 problems you chose on a piece of construction paper. This presentation must include the problem, your solution written and explained step by step. Your job is to convince someone reading your solution that you have the correct answer. Another student will score your work – this adds to your grade.
3) Everyone will get a chance to look at the problems' solutions to see how they did. You may not write the solution down while you have the published answers in your possession. You will then need to write a reflection on your solution as well as the one provided. Where did you go wrong/right. What would you change? Can you reproduce the solution? Attach this to the back of your construction paper tri-fold for each problem. Also attach any help that you received from other people as well as the help from the help spot.

Lunch in the Museum!!

30 points

4) You will pick 5 problems from the 25-30 problems that you have on your pieces of construction paper. This problem will need to be presented in a creative manner on March_____ during lunch. You must be able to set it up in less than 1 minute. The problem that you display must explain the solution in your words as well as a reflection on the solving involved and the process that you used to research it and how it changed over time. You should also include any information that you received from other students or outside sources. *You will also need to bring some food item that represents your problem in some way that people can sample.* Points will be given for parents, teachers, administrators, and students not in our class that you convince to come to the museum and read and make comments on your display. See rubric.