Math Fair Rubric

Mathematical Proficiency

Conceptual Understanding

I can recognize and recall some of the features of this math idea but I do not know how it relates to other math ideas.

I can show in the main features of this math idea but I am not sure how it relates to other math ideas.

I can relate and show how this math idea relates to other math ideas.

I have a strategy for solving the problem.

I created a model that helped me solve the problem.

I created a model but it is not helping me solve the problem.

I am not sure if I have a strategy for solving the problem.

I have a number of strategies for solving the problem.

My solution is correct.

I know my steps.

I don't know my steps.

I can explain my solution.

My explanation is not really correct.

I can explain my solution but it is not very clear yet.

I know what I did but I can't explain it.

Communication

Procedural Fluency

I have trouble remembering how to solve my problem.

I can solve my problem accurately and efficiently.

I can solve my problem and extensions accurately and efficiently.

I have a hint or an extension, but I am not sure if it relates to the problem.

I have hints and extensions that are mathematically relevant. I can relate my hints to my strategies.

I have a hint or extension, but I am not sure if it relates to the problem.

I have no hints or extension.

I can coach participants to do my problem. I do not need to look at the rules or problem when I coach.

My display is bold and begs for people's attention. I have created my own story and theme.

I have great manipulatives to help solve the problem. The task and problem are clear.

My display is attractive and functional. I have used the same theme as the stated problem.

I have manipulatives to help solve the problem. The task and problem are somewhat clear.

Display

Math Fair Project

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