

Project Assessment Map

4th Grade

FUNd Raising: How can we determine which recipes to make for a bake sale and how much to charge for each item in order to maximize our profits?

Standards: MCC4.NF.4, SMP 3,6,7
Review Standard: MCC4.NBT.5

Recommendation of a recipe for the bake sale and the suggested price per item with justification for each decision.

**Final Product/
Summative Assessment
Individual**

MCC4.NF.4 Multiply a fraction by a whole number.

MCC4.NBT.5 Multiply multi-digit numbers by multi-digit numbers.

SMP.3 Construct viable arguments and critique the reasoning of others.

**Significant Content &
21st Century Competency**

Table with ingredients and amounts needed for 1-10 recipes.

Formative Assessment Quiz –not for a grade

Quiz –Graded

Table with cost of ingredients for 1-9 recipes.

Table comparing the production costs of several different recipes.

Analysis of the cost of making a specific recipe.

Provide rationale for why recipe was selected for bake sale

Read another teammates rationale and provide constructive feedback.

Formative Assessment

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**Standards: MCC4.NF.4, SMP 3,6,7
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Presentation of business plan for bake sale: What items to sell, for how much and the rationale behind their decisions.

**Final Product/
Summative Assessment
Group**

SMP. 7 Look for and make use of structure.

SMP. 6 Attend to precision

Presentation Skills

**Significant Content &
21st Century Competency**

Design survey questions to gather data that will guide decision making about bake sale items.

Recommendation of the ideal number of each recommended recipe to make based on price and predicted sales.

Recommendation for the prices and variety of items to include in the sale.

Data tables showing information used in decision making.

Teacher conference. Students must be able to articulate the reasoning for their decisions.

Presentation Outline

Critique of presentation with rubric and commentary.

Conference with teacher

Formative Assessment