

6th Grade PBL

Holiday Recipe Book



Driving Question: Can a favorite recipe be proportionally converted to feed a classroom?

Content: Students will work in small groups (2-3) to find a recipe with 8 or more ingredients that they would like to share with others in a recipe book. They will find equivalent ratios and appropriate measuring conversions to change their chosen recipe and convert it to unit rates, then convert again to feed 6 and 24 people (class size). After each group completes their recipes, they will compile them onto a shared google document to create a recipe book to be distributed to the families. Class party to enjoy the recipes.

Standards:

6.RP.A.1 Understand the concept of a ratio and use ratio reasoning to solve problems

6.RP.A.3 Understand the ratio concepts and use ratio reasoning to solve problems

6. RP.A.2 Understand unit rate

6.W.6.6 Use technology, including the internet to produce and publish writing as well as to collaborate with others.

Major Products

Small group product: A favorite recipe with differing proportions to accommodate a variety of group sizes.

Class product: A bound recipe book to be distributed to all Kinetic East students.