6th Grade PBL

TEACHER FOR A DAY

Driving Question: How can we use fractions, percentages, and decimals in a career and then use the data to make decisions going forward?

Content: Students will work in a group, acting as a teacher, to create an assessment that measures the knowledge and understanding of the chapter: Fractions, Decimals and Percentages. After creating the assessment, they will administer it to their students, then grade their papers first with a fraction, then decimal and finally a percentage grade. The teachers will analyze the data, determine the mean and median of the assessment,explaining why they are either similar or different. Then the teachers will make a recommendation to the school principal on what they feel the percentage of the assessment should be of the students' total grade.

Standards:

6.RP.a Understand ratio concepts and use ratio reasoning to solve problems.

6.RP.3.c Find a percent of a quantity as a rate per 100

6.SP.c Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.

Major Products

Assessment given to peers, analysis of grades, and recommendation to principal of what percentage assessment should be in a student's total grade.