GRAPHICS AND ARITHMETIC

WebQuest Description: With the information given, students, organized in groups, will calculate the 2-year restaurant income, represent the input information in a bar code, write a detailed interpretation of it and answer some reflective questions about the business.
Grade Level: 9-12
Curriculum: Math
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Introduction

Have you ever wondered about the benefits of owning a business? Have you ever calculated the number of costumers a restaurant can have per week? How about a year? How many meals served? How much money cashed?

Tasks

In 2016, breakfast cost 2â‚¬, lunch cost 10â‚¬ and dinner cost 12â‚¬.In 2017, breakfast cost 3â‚¬, lunch cost 11â‚¬ and dinner cost 14â‚¬.In 20
the restaurant served 1,300 breakfasts, 2,000 lunches and 1,500 dinners.In 2017, it served 2,200 breakfasts, 1,500 lunches and 1,600 dinners.

Process

WORK IN GROUPS OF FOUR. DISCUSS AND CALCULATE THE ANSWER TO THESE QUESTIONS.DRAW A BAR CODE WITH THE INPUT DATA AND EVALUATE THE RESULTS.CONTENT:1. Represent the input data in a bar code.2.Answer these questions:- How much money did they cash for breakfasts in 2016?- How much did they cash for lunches in 2017?- How much for dinner in the same year?- How much did they cash on the whole?3.Answer the same questions for the year 2017.LANGUAGE AND COGNITION:1. Write an interpretation of your graphic.2. Give your written opinion about the restaurant benefits.