

## 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

**Keywords:** Math, Mathematics, CLIL, Content and Language Integrated learning, 6th, sixth, grade, course primary school

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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 2018, 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.