

## 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.