

Numbers

Introduction

- **Level:** A1
- **Skills:** Writing
- **Topics:** Vocabulary
- **Merging subjects and soft skills related to the enigma:** Mathematics, problem-solving

The enigma

- **Keywords**

Vegetables and numbers There is a scheme on the wall, e.g. 2 potatoes equal 5 cucumbers, and 2 cucumbers equal 3 carrots. If a carrot weighs 0.2 kg, how much does a potato weigh?

- **Toolbox**

Scheme posted on the wall and a piece of paper.

- **Description of the enigma**

Students are going to find a scheme posted on the wall. Once they notice it they need to solve the math problem and calculate the weight of a carrot. They are going to use a piece of paper to help them calculate the weight and they need to do it as an equation. Once they get the answer 0.75 kg they will be given the hint. Teacher will let them know that the weight is a code and that the lock that needs to be unlocked requires three numbers, so 0 7 5.



Numbers

Identify the weight of the carrot from the given scheme on the wall! Use a piece of paper given to you to write down the equation. The weight is the code which will help you unlock the padlock. Be careful, only one weight can help you unlock the padlock.

Example:

If a potato weighs 0.2 kg, how much does a carrot weigh?

2 carrots = 5 tomatoes

3 potatoes = 2 tomatoes

1 potato = 0.2 kg carrot = ?

Solution

The answer is 0.75 kg and 075 is a code. Students will be given a hint so that it is clear to everyone involved that weight represents the secret code.

Hints: The weight stands for a code. 0.75 kg represents three numbers 0 7 5 which are needed for unlocking the padlock.

More information

Possible restrictions

Students with Dysgraphia and Dyscalculia may encounter some problems.

