**CLIL lesson – 2.**

**Subject: ENGLISH/MATHS**

**Teachers**: Mgr.Králiková Lucia and Mgr.Mária Mocsiová (Maths teacher)

**Class:** 7.A/7.B

**Lenght of lesson**: 90 minutes

**Topic:** Contents, perimeters and volumes of bodies

### Teaching methods: Teacher-Centered Instruction,  Cooperative Learning, practical learning

**Training aids**: different measuring aids, rulers, internet

**Educational goals:** The main goal is to teach students to work in groups and to know the difference between concepts such as content and volume

**Vocabulary:**

POROVNAŤ**-** TO COMPILE

ZÁVESY- CURTAIN

KOBERCE- CARPETS

KACHLIĆKY-TILES

OBJEM – VOLUME

OBSAH- CONTENT

OBVOD – CIRCUMFERENCE

PRAVÍTKA A MERADLÁ-RULERS AND GAUGES

**The structure of the lesson: 1.motivation discussion and game with vocabulary**

**2.students divided into groups and drawing a task**

**3.reading text in English and understanding it**

**4.practical measuring in classroom**

**5.counting and searching on internet, using calculators ,watching video online**

**6.presentation of each group a their results**

**Main activity: blending real-life situation with mathematical theory and financial literacy**

**Evaluation/Assesment: each group´s presentation was evaluated oraly and positives were picked –up**

**MATERIALS STUDENTS WORKED WITH:**

Topic number 1: **painting the classroom**

The task – to compile a price calculation for a classroom painting

* Calculate the amount of white paint needed to paint the classroom walls
* Find out the price of paint in an available store
* Compare the found price with the price calculation determined by the schol

SET –OUTS (things needed):

- various gauges-rulers...

-calculator

-internet

-the paint is painted on the prepared wall in 1 layer without thinning (no water added to it)

-the school has got a budget 50 EURO

Conclusion: information about the obtained data, comparison

Topic number 2: **Carpet and curtains to the classroom**

Task: to compile a price calculation for a new carpet and curtains to the classroom

-to count the size of the carpet and curtains for the Windows

-find the price in an available store

-compare the found price with the price calculation set by the school

Set OUTS:

-various gauges-rulers...

* internet
* -the school has got a budget 300 Euro

Conclusion: information about the obtained data

Topic number 3**: the amount of air in the classroom**

The task: find out how much m³ air is present in the classroom provided by the fact the all Windows and doors are closed

* Count how many  %  from the given area is occupied by furniture (just bigger pieces)
* Find out how many students can be present in a classroom, if 1 student equals 4 700 dm³ o fair according to standard hygiene regulations
* -count, how much does air in a classroom weigh, if we know 1 liter of air is – 1,2930 g

SET-OUTS (things needed):

-calculator and various gauges (rulers....)

Conclusion: Information about the obtained data

Topic number 4 : **paving for the corridor**

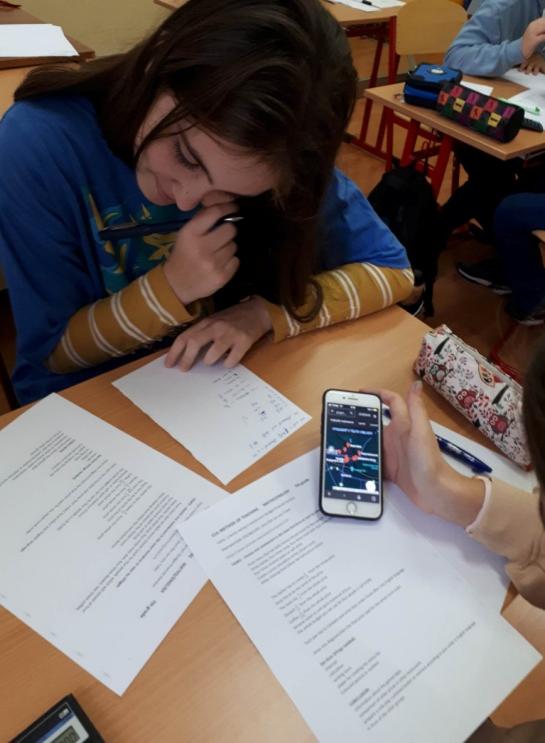
The task: to compile a price calculation for the paving on the corridor

-to count the amount of the tiles-paving stone needed on the corridor in front of the classroom (from your class to 8.A class)

* Find out the price of paint in an available store
* compare the found price with the price calculation set by the school
* SET –OUTS (things needed):
* various gauges-rulers...
* calculator
* internet
* the school has got a budget 300 Euro
* Conclusion: information about the obtained data and comparison

PHOTOS FROM THE LESSON:



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