

SECONDARY SCHOOL IONEL TEODOREANU, IASI, ROMANIA
TEACHER: LAZARESCU RALUCA

LESSON PLAN: WHOLE NUMBERS

RESOURCES: MCME

LEVEL: **SECONDARY**

GENERAL GOALS:

Students will know, understand and use whole numbers in math problems.

NEW NOTIONS:

Whole numbers, integer numbers, rational numbers.

REQUIRED PRE KNOWLEDGE:

Students know about natural numbers and their properties.

SPECIFIC OBJECTIVES (specify skills / information that will be learned):

Students will do the difference between natural numbers and whole numbers and their properties.

Students will be able to identify the type of numbers (real, integer, rational).

Students will use Kahoot webpage to test the new knowledge regarding the whole numbers.

MATERIALS NEEDED:

- Paper and pencils
- video projector
- computers

OTHER MATERIALS NEEDED: (apps or programs):

- Webpage Kahoot: (<https://kahoot.com/>)
- Dialog
- PowerPoint presentation from Prezi

TEACHER

STUDENT

INTRODUCE THE WHOLE NUMBERS

- starts PowerPoint presentation
- explains the whole number concept
- discusses (together with the students) the whole numbers properties and differences against natural number properties.
- presents integer numbers and rational numbers.

SUMMARIZE

- at the end of lesson summarize the whole number concept and their properties and integer numbers and rational numbers.

APPLICATIONS

- present the applications on the Kahoot webpage

(<https://play.kahoot.it/#/k/d24dfd1d-7051-4250-9b9b-aa6ef2edb39c>) and give full indications on using platform to solve the applications presented

- watch the PowerPoint presentation, ask questions about the content and answer to the teacher questions regarding this lesson, ...

- listen the summary.

- solve the applications on the Kahoot webpage that use the knowledge learned during the lesson.