Summary

eduraw

Target age

Age 14 and over

Level of difficulty

☐ Easy X Medium ☐ High

Key words:

circular economy, gold, silicon, recycling, technology, history of raw materials, development of using raw materials

Abstract of the activity:

The toolkit eduraw provides students by competition form achieve a lot of knowledge and information about gold and silicon, iron and copper, their using during human existence, their position in circular economy and their importance in our lives. Students gets review about important milestones in history of these four elements. It is very user friendly for teachers, trainers or researchers, they need just pc/notebook/tablet and projector and class full of enthustiastic students wanting to compete.

Learning Goals *(max 250 characters)*

- achieve important knowledge about gold and silicon, iron and copper
- learning position of gold, silicon, iron and copper in circular economy
- leaning about recycling of gold, silicon, iron, copper
- recognize development of using of them during history

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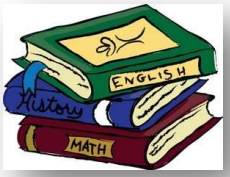
Summary

Specific Abilities - *At the end of the activity the student will be able to:*

- talk about importance of gold, silicon, iron and copper in human's life
- understand position of these four elements in circular economy
- connect gold and silicon, iron and copper and their occurrence in their own lives, in technology
- recognize development of their using during history



Cross-curricula Links- *Examples:*

- Ecology/Environment
- Chemistry
- Physics
- Technology
- Economics/Economy

Prerequisites - *Knowledge and skills necessary for carrying out the activity*

- Basic knowledge and skills working with tablet or notebook

Time requirement *plus eventually other boundary conditions (i.e. Instruments)*

X 45 min toolkit + 15 min instruction

Learning and Teaching Support Materials - What you can find in the toolkit

1. Students' Cards
2. Teachers' Card
3. Presentation with basic instructions
4. Questionnaire
5. Website of application/game

RM Ambassadors

Authors

Ľubomíra Gabániová, Technical University of Kosice, lubomira.gabaniova@tuke.sk

Lucia Bednárová, Technical University of Kosice, lucia.bednarova@tuke.sk

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