

Summary

Modern devices – yes please! What about mining?

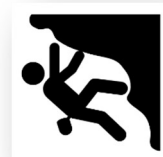


Target age

Age 14 and over

Level of difficulty

Easy Medium High



Key words:

Circular economy, sustainable development, raw materials, critical raw materials, battery, sustainable company



Abstract of the activity:

Toolkit increases awareness of the importance of raw materials and the impact of the circular economy on our lives. Students solve an interactive presentation (in PDF or Ppt) in which they first learn what we use raw materials for, what some objects (can, saltshaker, light bulb...) are made of and whether we can make them from European raw materials. With the acquired knowledge, they try to build up a successful sustainable company using the decision key. They must make key decisions related to a circular economy that have significant and lasting consequences on the company from a raw materials perspective.









Learning Goals

- Students become aware that everything around us is made of raw materials.
- Students realize that Europe is highly dependent on global production of raw material
- Students analyse impact of circular economy strategies in the field of raw materials on a company.



Summary

	<p>Specific Abilities - <i>At the end of the activity the student will be able to:</i></p> <ul style="list-style-type: none"> • Better understanding of the use of raw materials and possibilities of mining in Europe. • Analyse impact of circular economy strategies on the performance of a company.
	<p>Cross-curricula Links- <i>Examples:</i></p> <ul style="list-style-type: none"> • Geography • Technology • Social Sciences: i.e. human conditions, ethics • Economics/Economy • Politics
	<p>Prerequisites</p> <ul style="list-style-type: none"> • Short introduction to the circular economy
	<p>Time requirement</p> <ul style="list-style-type: none"> • 1 h and 30 minutes <p>Instruments: <i>Computers or tablets</i></p>
	<p>Learning and Teaching Support Materials - What you can find in the toolkit</p> <ol style="list-style-type: none"> 1. Teacher Card 2. Lab Procedure/s- Module 1 3. Ppt presentation for a lesson 4. European map of raw materials 5. Interactive students' presentation (PDF or PPT version)
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