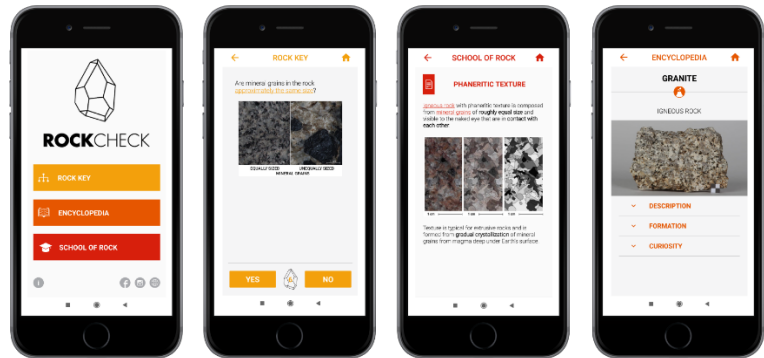


Summary

RockCheck



Target age

10 – 19 years old students



Level of difficulty

Easy Medium High



Key words:



Minerals, rocks, rock identification, rock cycle, use of rocks as raw material, exploration, mining

Abstract of the activity:









Toolkit covers learning about basic geological concepts, minerals, rocks and their connection with raw materials. A good knowledge of the geological basics like minerals and rocks is the basis for all further knowledge about the role of raw materials in circular economy. The toolkit is designed so that students use free RockCheck app for activities. With the app, students can identify different types of rocks, learn about their formation and uses, and link this to learning about raw materials. The toolkit consists of two modules (Interactive worksheet and Link rocks to raw materials) that introduce the topic and summarize the connection between minerals, rocks, and raw materials.

Learning Goals



- Students connects mineral to rocks
- Students identify and classify different rocks
- Students determine processes needed for rock formation
- Students evaluate importance of rocks as raw materials for our everyday life

Summary

	<p>Specific Abilities - <i>At the end of the activity the student will be able to:</i></p>
	<p>Cross-curricula Links</p>
	<p>Prerequisites - <i>Knowledge and skills necessary for carrying out the activity.</i></p>
	<p>Time requirement</p>
	<p>Learning and Teaching Support Materials - What you can find in the toolkit</p>
	<p>Authors</p>

- Explain difference between minerals and rocks
- Get to know basic characteristic for recognizing rocks
- Use application RockCheck for identification of rocks
- Relate rocks to different raw materials

- Ecology/Environment
- Geography
- Technology
- Social Sciences: i.e. human conditions, ethics
- Economics/Economy

- There is no need for prior knowledge - instructions are provided in the application.
- Students must be able to read and use the tablet.

2 h and 15 min (3 * 45 min)

Instruments: *Mobile phones/Tablets with RockCheck app*

1. Modules 1 and 2
2. Teachers' Card
3. Students' Cards 1 and 2
4. Worksheet for module 1 (Appendix 3 - Interactive worksheet)
5. Ppt presentation for preparing a lesson (Appendix 4)
6. Other supporting material (Appendixes 1, 2, 5 and 6)

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