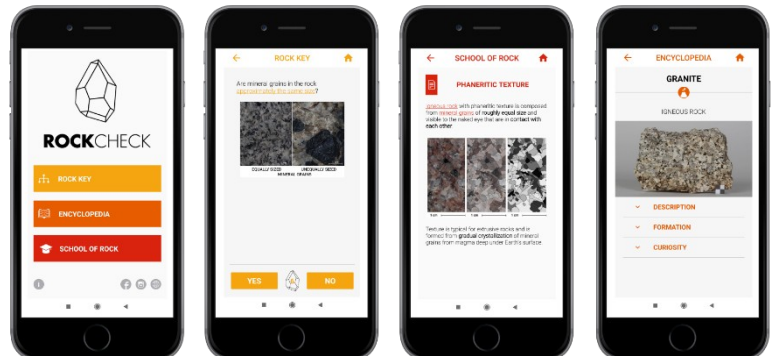


Summary

RockCheck



	Target age	
	10 – 19 years old students	
	Level of difficulty	
	<input type="checkbox"/> Easy <input checked="" type="checkbox"/> Medium <input type="checkbox"/> High	
	Key words:	
	<i>Minerals, rocks, rock identification, rock cycle, use of rocks as raw material, exploration, mining</i>	
	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. 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 use, and link this to learning about raw materials. Toolkit consists of two modules (interactive worksheet and crossword puzzle) that present the topic and summarize the mineral-rock-raw material connection.	
	Learning Goals	
	<ul style="list-style-type: none"> • 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 	
	Specific Abilities - At the end of the activity the student will be able to:	

Summary

- 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

Cross-curricula Links



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



Prerequisites - Knowledge and skills necessary for carrying out the activity

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



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

2 h and 15 min (3 * 45 min)

Instruments (eventually): mobile phones/Tablets with RockCheck app



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

1. Modules 1 and 2
2. Students' Cards 1 and 2
3. Exercises for module 1 and 2 (worksheet Meet RockCheck and Crossword puzzle)
4. Ppt presentation for preparing a lesson (plus a short text)

RM
Ambassadors

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