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QRockTalk: A Smart Geochemical Guide.

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QRockTalk: A Smart Geochemical Guide

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Abstract

Using apps to teach Geology in the 21st century is a game-changer, it not only makes the subject more engaging, interactive and accessible, but also helps students develop a deeper understanding of Earth processes through visual, hands-on, and real-time experiences. With the ability to explore virtual pictures, simulate Geological phenomena, and interact with global data, apps are transforming Geological education by providing tools that support a range of learning styles. Enabling remote or underprivileged learners to access quality Geological education and make complex concepts easier to grasp. The app is named as “Talking Rock”. Talking Rock app allows Geoscientists to the digital platform, which is important to facilitate more effective fieldwork, qualitative and quantitative research. In this app, rock itself gives information to user after scanning the QR code. A rock gives information like its common name, chemical composition, physical properties, genesis and occurrences. This is currently working in English language. Information of 100 specimens (Combination of Igneous, Sedimentary, Metamorphic and Fossils) of rock which is present in Geology Department Museum, SSESA’s Science College, Nagpur (Maharashtra, India). The app is designed to work in both online and offline mode. The app successfully published copyright in Extract from the register of Copyrights, Government of India, on title “Talking Rock Web Application” on 26th June 2024. The app is also available in Google Play store.

Keywords: QRock Talk, Talking Rock, Copyright.