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Geo Educational Games for Kids

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Fostering the next generation of global citizens and scientists is crucial to confront the global challenges humanity faces and continue scientific development. We aim to promote Earth, planetary, and space sciences to children ranging from 3 to 8 years old through an activity booklet. It contains games, drawings, colouring and simple logical tasks. The material is intended to support children in learning about the world around them and engage their curiosity and observational skills. Children will gain knowledge about geosciences, including the fundamental principles of the Earth system and associated processes. We cover as many different topics as possible, such as geodesy, mineralogy, volcanology, paleontology, geomagnetism, oceanography, atmospheric sciences, natural hazards, seismology, stratigraphy, planetary and solar systems sciences, etc. The activities are provided with short and simple explanations for children at reading age. For younger children, adults are encouraged to read and explain. Solutions will be presented in small boxes at the end, allowing children to evaluate their performance. The booklet will be publicly available in several languages to ensure accessibility and inclusivity on a global scale. We hope that it will serve as an amusing tool for outreach at different educational institutions and events in order to promote geosciences.