

## **Study of geological popularization by means of fairy tale show in Leye-Fengshan Global Geopark**

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Fairy tale show is vivid, intuitive, entertaining and funny to satisfy children's intellectual curiosity depending on the different roles of language, action, props and scenes. It is an innovative attempt in Leye-Fengshan Geopark popularization. Leye-Fengshan Geopark in China features numerous karst geosites including subterranean rivers, fengcong, tiankengs, karst windows, springs, natural bridges, caves; it also features faults, folds, panda fossils, as well as funny tiankeng animals like fly cat, cave fish, bat, birds and so on. In the fairy tale, a scientific adventure students group start an adventure trip in the geopark; on the way to the geopark, they discovered limestone, fossils, karst, trees, birds..., and a tiankeng, a great doline. They met tiankeng animals, a fly cat, a bat and a cave fish, and a panda (an ancient fossil, a great innovative idea of turning the panda fossil into a live panda). And in the show, kids act as animals, trees, a panda to guide the adventure group to travel around tiankeng, underground river and karst windows, caves, and tell them stories of how many tiankengs distributed, how underground river and caves enlarged, how trees and animals at the bottom of tiankeng and inside caves survived . In this fairy tale, both the roles and geosites are blended into the multilayers needed to make an attractive show, which is an edutainment way and a real geological interpretation which links the knowledge and emotion, and draws students' attention to learn and love the geology of the place where they live.