

A few comments about the learning kit that were expressed after one of our courses:

"I'm looking forward to trying this kit because its contents will easily fit in with the goals of the geography class"

"All schools should have this learning kit"

"The experiments are very interesting"

"The suitcases are very well prepared and ready to be used. Compliments!"

Sponsored by the Loterie Romande



SWISS
SPELEOLOGICAL
SOCIETY

EARTH SCIENCE: Underground water, karst and Speleology

- 80% of the water consumption in our country comes from groundwater;
- Caves provide lots of information on the subjects of geology, archaeology, palaeontology, biology and of course, hydrogeology;
- There are 8000 known caves in Switzerland...and speleologists are still exploring new ones.

In addition to its learning kit, the Swiss Institute of Speleology and Karst-research (SISKA) proposes other educational activities.

Lectures and courses

For elementary and secondary schools, high schools and universities:

- Introduction to the water cycle and underground waters in general (groundwater, springs, spring tapings, consumption, quality, draughts,...)
- Introduction to the karstic environment (limestone landscapes, caves and exploring caves, the formation of caves, the course followed by underground water, concretions, cave-dwelling animals, prehistoric animals, caves conservation,...)

Two presentation levels have been prepared for the students: 3rd to 6th years of elementary school and secondary school to high school.

Moreover, a complete course designed for teachers (continuous formation) is available and can be presented upon inquiry.

Excursions

These excursions allow a much better understanding of landscape evolution and underground flow in a given region. Finishing a course with a cave visit can be an interesting way to sum up the work done in class.

Concept and realization:

**SWISS INSTITUTE
FOR SPELEOLOGY
AND KARST STUDIES**



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www.isska.ch

Orders to be sent directly
to the Institute

Underground water, karst and caves

Presented in
an educational
and fun way

LEARNING KIT

Slides shows | practical experiments | rock samples | games



SWISS INSTITUTE OF SPELEOLOGY AND KARST STUDIES

LEARNING KIT

Underground water, karst and caves

A kit is composed of two ready-to-use suitcases designed for all school years above the third year of primary school.

The first suitcase

contains all the necessary theory for the teachers and students. Different illustrations and rock samples make it easy to understand all topics. The suitcase encloses the following equipment:

- a CD-rom with two PowerPoint presentations;
- course notes that can be copied for the pupils;
- a teacher's guide for the course ;
- some games and their rules ;
- a bibliography and a list of interesting web sites ;
- ten rock samples and their description ;
- a series of pictures that can be shown and commented with the group.



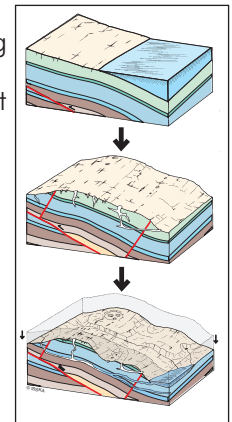
A flexible system

The PowerPoint presentations, course material and the experiments can easily be adapted to the student's level and to the teacher's wishes and teaching methods.



Developed themes:

- Karst and caves in Switzerland and throughout the world
- Finding and exploring caves
- Caves with tourist appeal in Switzerland
- Geology (basic knowledge)
- Limestone landscapes
- Cave formation
- Measuring and mapping caves
- Fossils and palaeontology
- Concretions and crystals
- Cave-dwelling fauna
- Archaeology
- Underground water draining systems
- Vauclusian springs and karst water tables
- Protection of the underground environment



**Selling price
CHF. 1500.-
(950 Euros)**

For further details and orders, please contact:

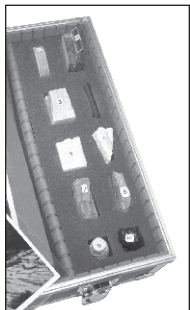
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Shipping cost and taxes not included.

Additional charges for presentations with an overhead projector or with slides.

The second suitcase contains the necessary equipment and guidelines to set up six fun experiments that demonstrate the flow of underground water, rock dissolution and the formation of stalagmites and crystals.

The SSKA ensures the replacement of samples and concretions.



The underground world: a fascinating universe for your students to discover