

## **Children's and teenagers' geoscience projects at the Mineralogical State Collection Munich (MSM)**

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The Museum Mineralogia München is the publicly accessible part of the Mineralogical State Collection Munich (MSM), which belongs to the Bavarian State Natural Science Collections (SNSB). The aim of the State Collection is to impart knowledge in the STEM subjects, i.e. especially in the field of geosciences. The MSM has been trying to fulfil this task for more than 16 years and has thus gained a great amount of experience in the teaching-learning field.

Since the geosciences are unfortunately not a school subject, but geoscientific topics are becoming more and more relevant for socio-political concerns, it is important to sensitize and inspire children and young people for the geosciences at an early age.

The Museum Mineralogia therefore offers a variety of activities on topics such as (1) volcanism, (2) the cycle of rocks, (3) meteorites, (4) the construction of a smartphone and critical raw materials. In addition, there are special exhibits each year on a variety of earth science topics that are incorporated into the student projects and tours. All projects offered can also be booked as school and kindergarten projects, if there is capacity. In addition, there is a network with other science laboratories for schoolchildren both in Munich (Muc-Labs) and throughout Germany (LeLa). Participation (e.g., in Girls' Day, Science Days (Forscha), or the Children's Culture Summer) as well as many different projects in Munich and the surrounding area with other museums and research institutes also strengthen the reach. In addition to national projects, international projects (e.g. with Austria, Italy, Norway) are carried out.

As a further concept, internships are also offered for school students from the age of 14. In addition, the Mineralogische Staatssammlung Munich has successfully participated in two funded programs on ease-Corona (BMBF - catching up after Corona). Here, especially children and teenagers who show Corona and Lock-down induced learning deficits should be supported.