

# Diversity in STEM Teaching



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## Inquiry activities for the planet - a planet for everyone

Hands-on science activities for children with SEN and for gifted children - cooperation of teachers.

**Practical Primary School:** for children with SEN



Educates pupils who cannot successfully educate themselves at a mainstream primary school. The goal: to achieve the highest possible level of knowledge, skills and the development of personal qualities while respecting their individual peculiarities.

### Inquiry activities:

development of basic habits of experimentation (principles of safe behaviour, patience, repetition of experiments, verification...).

INFERENCE training.

### Inquiry-based approach:

question / problem – summary of information we already have – strategy creation / solution proposal - implementation – conclusion.



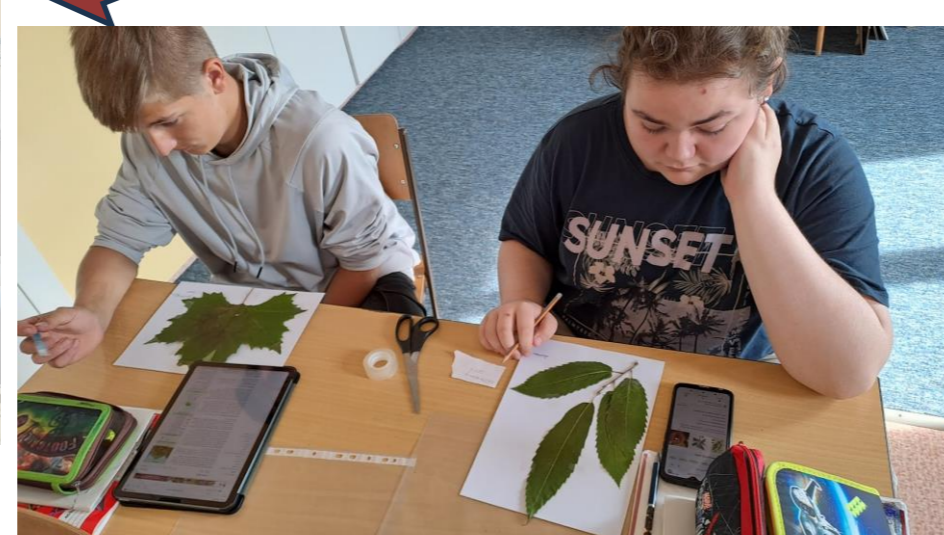
**LogIQ – Mensa Gifted Children Club**

A leisure activity for inquisitive children, directly at school. The aim is to identify gifted children and provide them with sufficient space for the development of their talents.

### Cooperation between teachers of the practical primary school and teachers of intellectually gifted children.



Simple inquiry science activities leading to understanding and learning about the diversity of nature, natural processes and natural laws.



The **herbarium** mapping the plants of our town – the individual pages of the herbarium were created by children from both schools. The herbarium is also used as a teaching aid at the practical primary school.



Joint sharing of activities between teachers + joint creation of activities in which all children from both schools can participate and the product is meaningful.



**Trees and their importance for the planet** – children from the practical school: two most important functions of trees in the city; the gifted children: verifying these facts and measuring.

