



PH ANALYSES. CHEMICAL ANALYSES OF WATER SOURCES AND SOIL IN LOCAL AREA

Activity n. 36

AIM: pH analysis of water and soil from the local school environment, cross curricular connections with Chemistry.

Methodology

Activity suggestions:

- Introductory lecture ... pH as indicator for environmental status
- Using of chemistry kit, pH meter for measuring pH of water and soils from extract.
- Measurement with pupils, estimated and real measured results , comparing of tables with results , comparing of measurements with pH digital meter and pH paper indicators.
- Presentation of findings, discussion about water and soil pollution.

Introduction to water and soil pollution, pH as an indicator of environmental status.



- Pollution of water and soil as a phenomenon in society.
- pH analysis as an indicator of the state of the environment
- Possibilities of pH analysis - digital pH meter, lactam papers.
- Samples from Levice and surrounding sources.



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PH Measurement with pupils, special ENV Days - Water Day (Annual Activity)

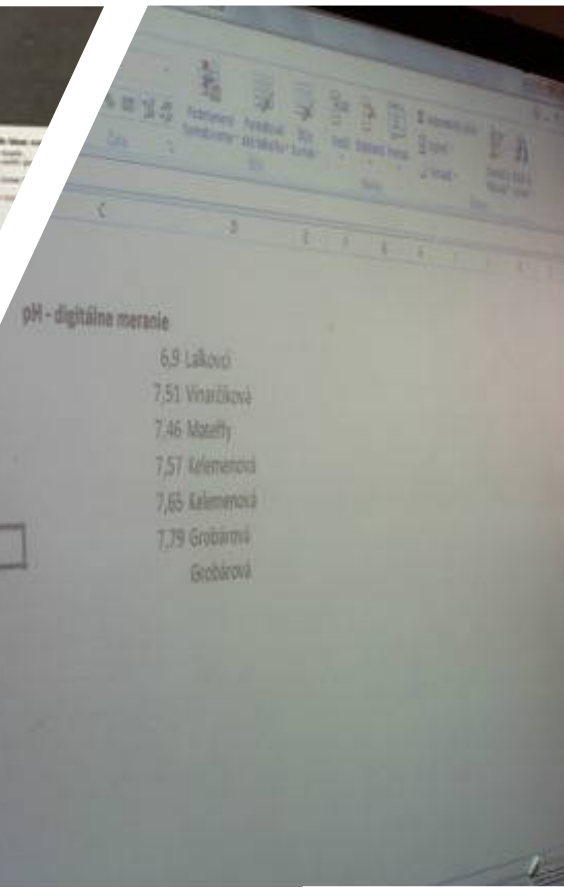
- Pupils bring their own samples of water and soil which are measured, compared and processed in the tables annually.
- We discuss about abiotic pollution of water and soil.

Sources :

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Taking part in environmental excursions with the possibilities to analyze the conditions of our environment (water, soil, air). It develops our awareness.

Source:

<https://2zs.edupage.org/album/#photos:album:932>





Co-funded by the
Erasmus+ Programme
of the European Union