









Teachers' view on inquiry based science education

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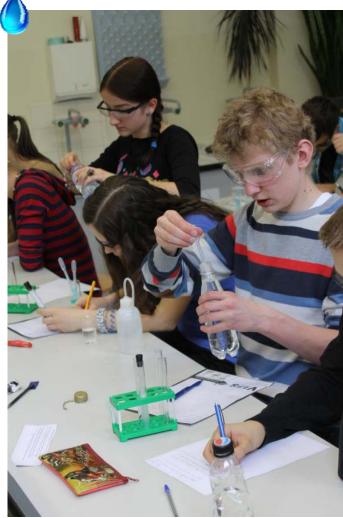
Problem and tasks

- Implementation of the inquiry-based approach
- >Difficulties of implementation
- >Benefits of inquiry-based approach

"Water I Use in Daily Life" I

>8th grade
>chemistry
>5 lessons

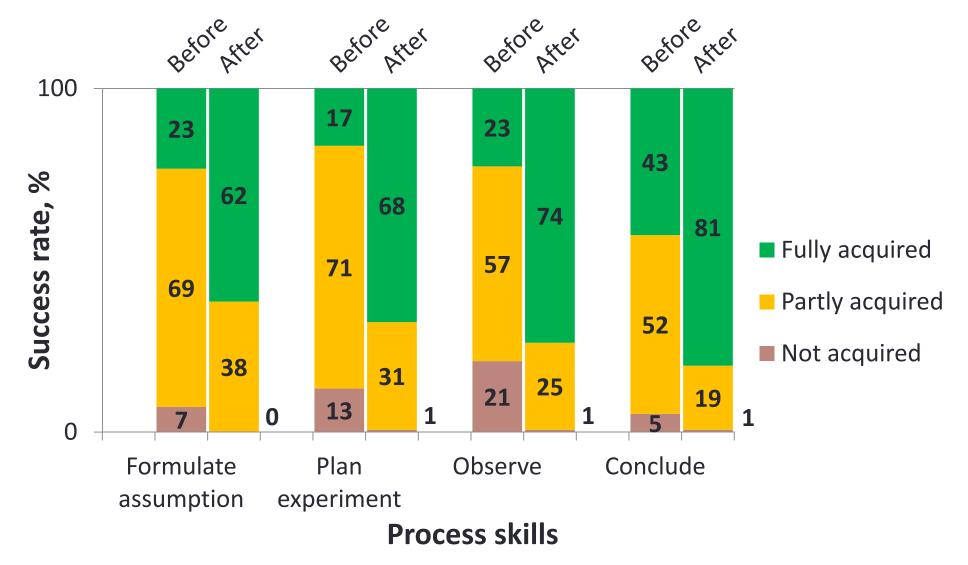




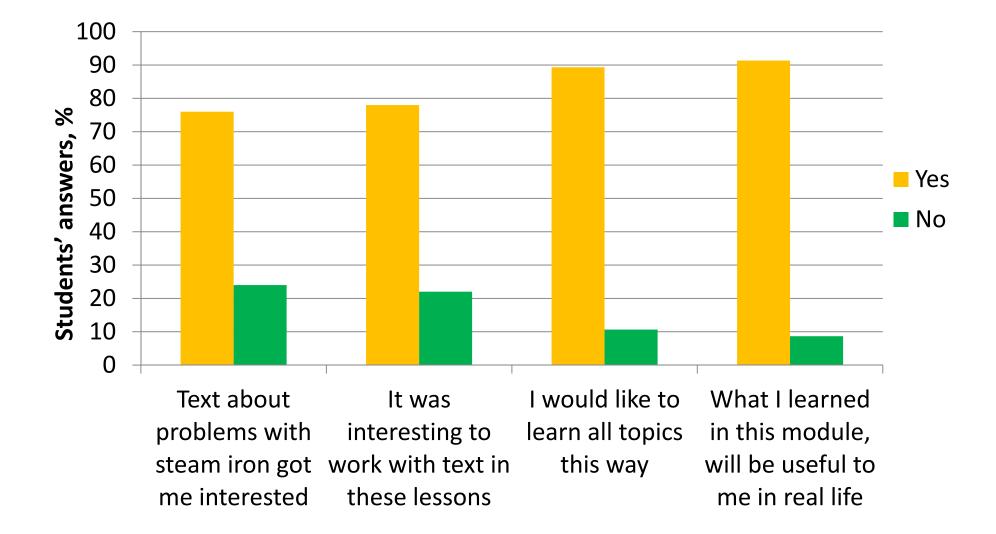
"Water I Use in Daily Life" II Problem solving exercise on use of water in Work with text about steam iron running household appliances Planning and carrying Conclusion that water contains dissolved out experiment matter Concept of hard water Work with text Use of hard water in daily life Finding out whether the water is hard or What water is in my home/ location? not can be done by using soap solution! Recommendations that should be taken into consideration when using such water in household conditions

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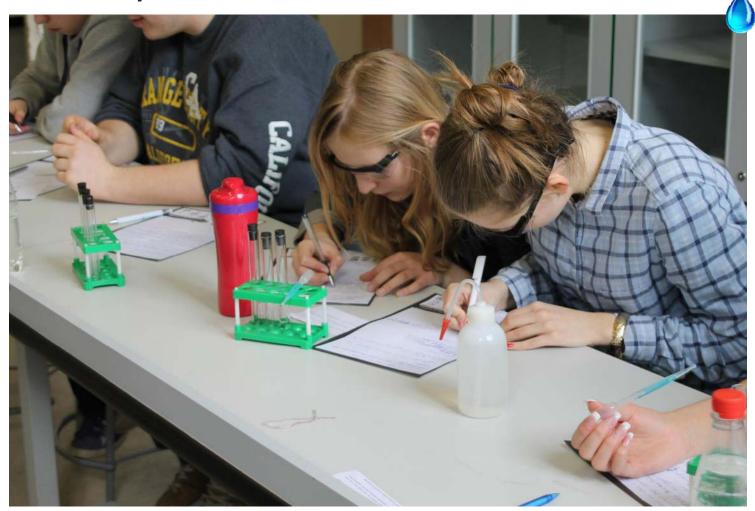
Student self-evaluation before and after the module



Results of the student survey



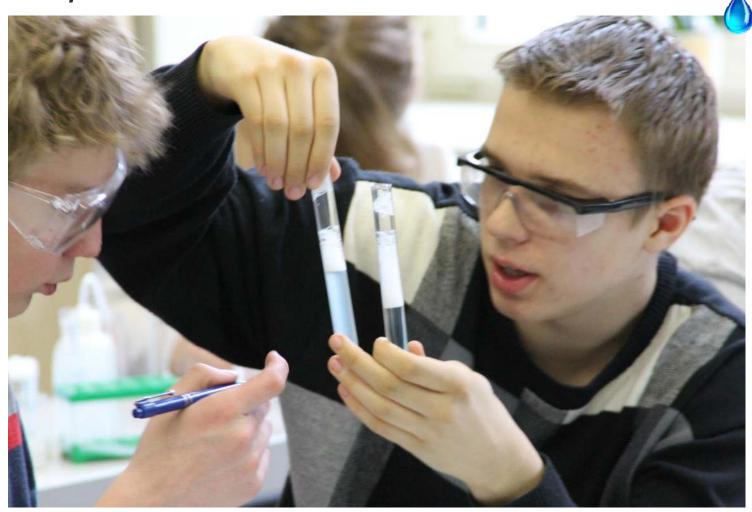
"For me the difficult thing was to plan everything before the beginning of the experiment."



"Together we could figure out, understand and do everything!"



"It was difficult to work with people with who you don't get along with very well, but that was good for me and gave me experience."



"Most important benefit of this work – students work with excitement."



esults and conclusions

BSE develops students' process, learning, ommunication and cooperation skills.

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- BSE increases their interest in science.
- lain difficulty is to plan time for all the essons in module.

eferences

ack Holbrook. PROFILES Guidebook for artners: The PROFILES concept.

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- icture of water droplet form psdGraphics
- o://www.psdgraphics.com/psd-icons/psd-blue-water-droplet-icon/
- uthors photo

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