

The Water Cycle: Science and Coding

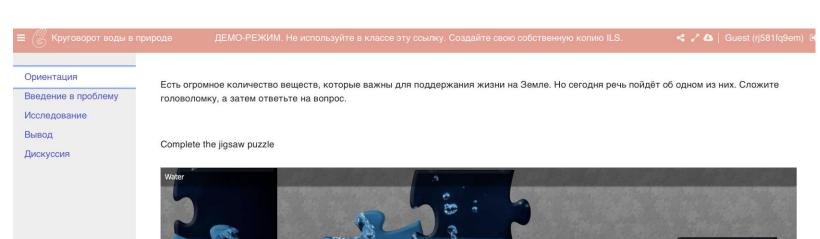
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Water importance, water cycle....



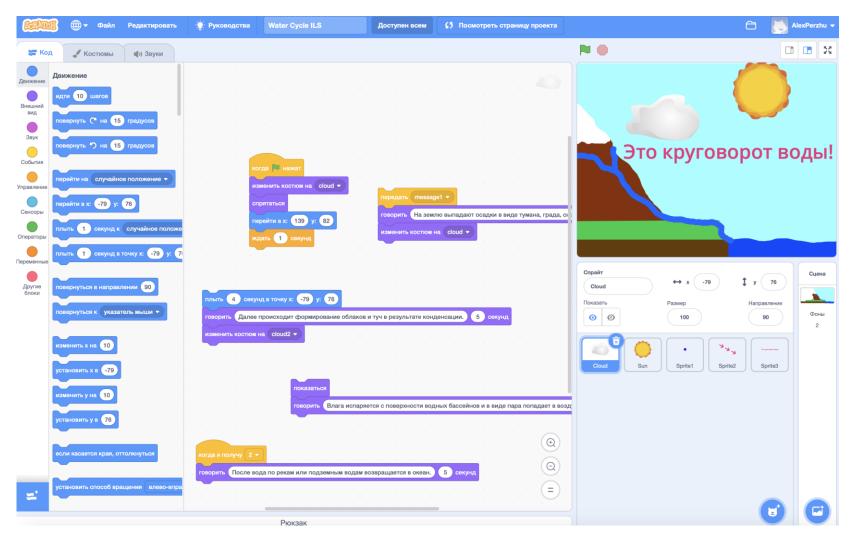






... and coding!













Issues and recommendations



- Time limit
- Students do not know how to code
- 26 students and 1 teacher

- Create only part of code during lesson
- Spend one lesson (maybe more) to teach students to work with Scratch
- Prepare very accurate instructions. Ask for help from colleagues. Find students that can help others.

Why it is important?



- Inquiry helps to understand how everything "works practically" for students
- Inquiry and ICT usage makes learning process more fun
- Coding shows connections between ICT usage and science
- This integration shows the natural way of nature and how real world operates
- For students' career



TIWI questionnaires



Good tool to see the evolution of your own and students' in science and coding.



