Empowering Educators Crafting Computational Thinking Materials and Learning Analytics for Grades 1 to 9

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Project

Experts and teachers from four countries and five universities (Turku, Vilnius, Tampere, Tallinn, Stockholm KTH) work together to create a Bebras Challenge inspired Computational Thinking Curriculum with learning analytics.

Lessons

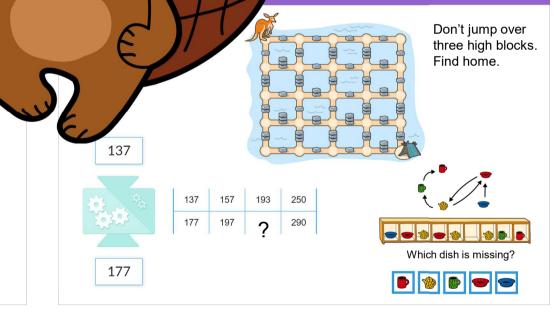
Student future skills, easily for the teachers 36 lessons for grades 1 – 9, >700 tasks Circular curriculum, topics revisited annually Data and Information Algorithms and Programming Problem Solving Communication and Security

Research

VILLE Bebras Challenge Close collaboration with CT&MathABLE project brings insights on interactive tasks, didactic approaches and learning analytics via research. CT&MathABLE project focuses on assessing

computational thinking and algebraic thinking.

Tasks



Process

Bebras Challenge

Lesson topics

Published in



<u>Collaboration</u>

Funding

ViLLE Learning Platform Bebras Challenge

Bebras Lodge

Xlogo CT&MathAble NPHZ-2022/10045 Development of Computational Thinking Learning Paths via Bebras like Tasks with Analytics





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