matatalab

Hands-on Coding Learning Solution:
Pilot Project

Coordinated by European Schoolnet, with the active engagement of the Future Classroom Lab (FCL) network and community, the Matatalab Solution pilot project aims to introduce children aged 3-9 to the basic concepts of coding through hands-on coding gameplays. Fun, creative and collaborative, this ambitious project encourages teachers and children to explore their imaginations and combine collaborative thinking with the playful discovery of the world of coding.

As part of its commitment to developing and improving STEAM practices in education, Matatalab Solution, together with European Schoolnet (EUN), has set up a pilot project to test the pedagogical value of Matatalab programming learning tools.

The educational value of Matatalab is based on the principle of The Four Cs of 21st Century Learning: Critical Thinking, Communication, Collaboration, and Creativity. Through the tangible programming tools of Matatalab, children learn many basic programming principles that involve computational thinking. They are, thus, initiated to decomposition, pattern recognition, abstraction, and algorithms. With Matatalab, debugging, flow-of-control structure, and sequencing can now be taught without the help of a computer.

The 6 following countries have been selected to test this pilot project: Denmark, Czech Republic, France, Norway, Portugal, and Slovakia. The ambassadors and teachers involved will be invited to test the programme for 7 months and to develop activities to be implemented in each of the participating classrooms over a period of 4 weeks.

European Schoolnet and Matatalab, together with the FCL Lead Ambassadors and Innovative Learning Labs (ILL), are committed to providing educational solutions and developing a network of stakeholders who are committed to developing STEM education.

Try these hashtags!

#CodingIsFun

#PlayfulCoding

#KidsCanCode

#CodingLikeABC

#FCL_MatatalabPilot

#TryMatatalab

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