



I'm not robot



I am not robot!

Figure below describes the different phases of mathematics curriculum taken place in Finland since the introduction of the comprehensive school system in the beginning of the 1970s. The national core curriculum contains the objectives and core contents of teaching for all school subjects, and also describes the mission, values, and structure of education. Instruction in mathematics examines the connections between everyday life and mathematics; makes use of opportunities to strengthen students' interest, self-belief and information-seeking processes; and encourages students to experiment and work with perseverance. I thus examine the most commonly used Finnish teacher guides in mathematics (Grades 1–6), and how four Finnish and four Swedish teachers interact with originally Finnish curriculum materials. In Finland, the main materials for teaching mathematics and science are textbooks published by commercial publishers. Finland Math is a pedagogical concept that makes mathematics learning and teaching more meaningful. This paper presents one of several studies connected to two larger research programs. Figure 1 Finnish mathematics education through the outline stated in the National Core Curriculum and reflecting on the features of teacher education, which prepares academic, pedagogically thinking teachers for school work. In Finland, the national core curriculum is a framework around which local curricula are designed. They. The data consist of nine Finnish teacher guides in mathematics (belonging to three textbook series) for Grades 1–6 and comprise almost 100% of the teacher guides. I thus examine the most commonly used Finnish teacher guides in mathematics (Grades 1–6), and how four Finnish and four Swedish teachers interact with originally Finnish curriculum materials. This study reports on upper-elementary teachers' learning through their use of potentially educative mathematics curriculum materials without additional professional development. Get to know some of the unique features of Finnish educational system through Finland Math. Curricula changes in the Finnish school system have taken place in year intervals. The first program is a comparative project examining similarities and differences between Finnish and Swedish mathematics education. In this chapter, I will shed some light on the curricular background and development of the Finnish mathematics education. These textbooks are not subject to official approval, Finnish teachers learn already in teacher education to interact with curriculum materials in the relevant manner. Furthermore, according to Pehkonen (2005), teachers' mathematics curriculum development in Finland – unexpected effects.