# Challenges of innovative teaching and learning – schools under pressure of change and tradition

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Finnish school system is known for its unique learning outcomes. Students succeed well in international comparisons, where traditional learning, such as primary language, mathematics or science, is measured. At the same time Finland is no longer included in top European countries in the use of ICT in learning, even though devices are better available in schools. As the society and perceptions of knowledge change, schools have to adapt to demands of surrounding world. The school culture in Finnish schools is driven by strong tradition and it is criticized of being too teacher-centered. International research of school and pedagogical development has recently focused more on student skills and expertise. What kind of skills and teaching do we need in the 21st century and how to scale good practices from one school or country to another?