



**#1 Teaching & Learning Platform.
From Finland.**

Eduten in a nutshell

Eduten is a spin-off of University of Turku, Finland, a [globally ranked top 1% university](#). Eduten provides a digital learning and teaching innovation called **Finland Math** to students all over the world.

Finland Math includes **Eduten Playground**, a gamified and AI-based exercise platform that provides a scientifically proven improvement on **learning results, teacher wellbeing and student motivation**.

Eduten Playground is the **most popular** digital math tool among Finnish teachers, used in **45%** of schools in Finland. It's benefits are enjoyed by more than **370,000 students and teachers** across the world.



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Centre for Learning Analytics





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Finland Math provides the benefits of Finland's education system



Student-Centered Learning



Deep Understanding and
Creative Problem Solving



Personalized Learning



Stress-Free Learning



Growth Mindset



More Time for Teachers and
Focused Support for Students

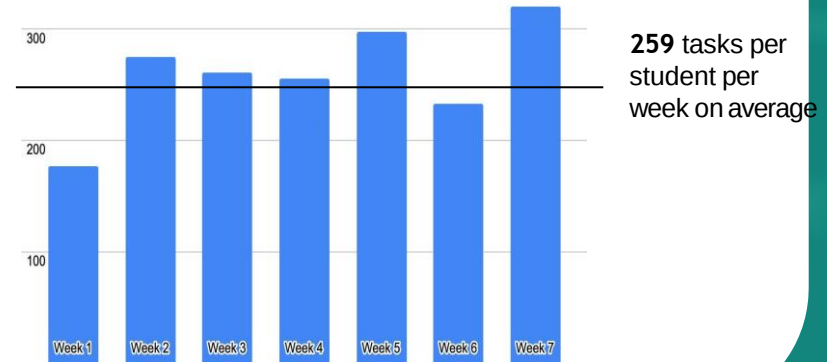
“Learning is
5% talent and
95% hard work”

*Prof. Mikko-Jussi Laakso, Director
Centre for Learning Analytics, University of Turku
Co-founder, Eduten*

Studies show that students complete up to

8x

more tasks with Eduten Playground
compared to traditional practice methods



Eduten Playground

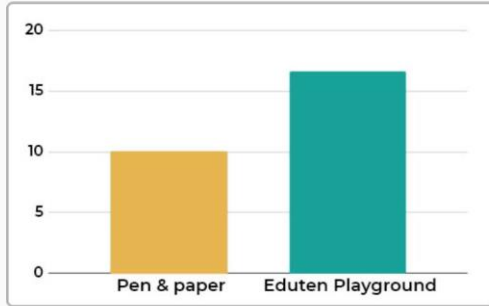
An adaptive “digital exercise book” for ages 6-15

Combines
Finnish pedagogy,
gamification and
AI with positive
screen time and
automation

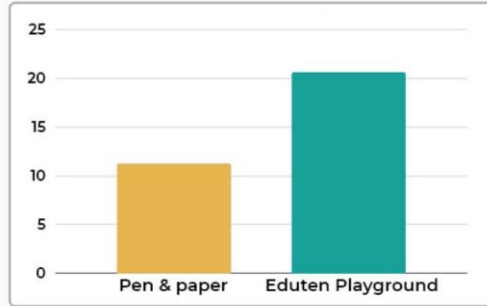
A pedagogically
superb content library
with hundreds of ready
made tasks for each
week. Aligned with all
curriculums.

Scientifically
proven improvement
to learning results,
teacher wellbeing
and math anxiety

Study by University ofTurku

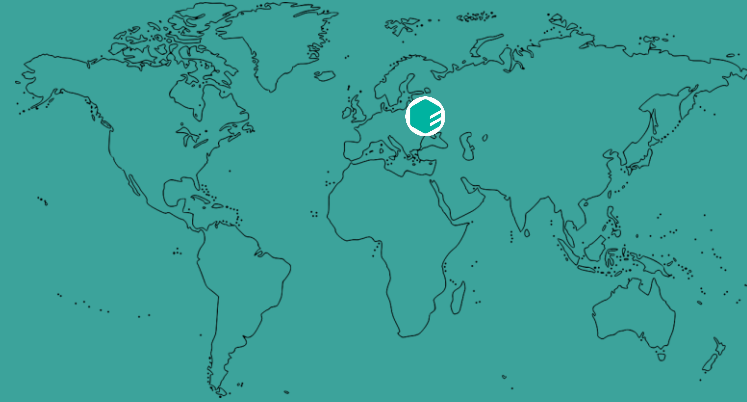


39% improvement vs. control group to mathematics performance

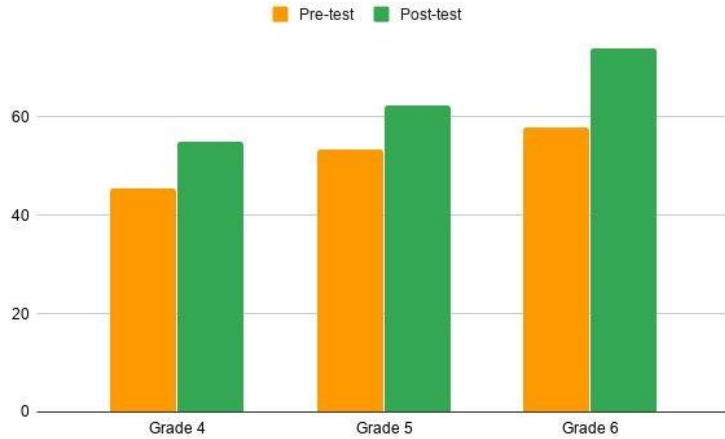


45% improvement vs. control group to mathematics fluency

Scientific research about Eduten Playground's impact:
www.learninganalytics.fi/en/publications



Location **Lithuania**
Duration **15 weeks**
Time **Spring 2018**



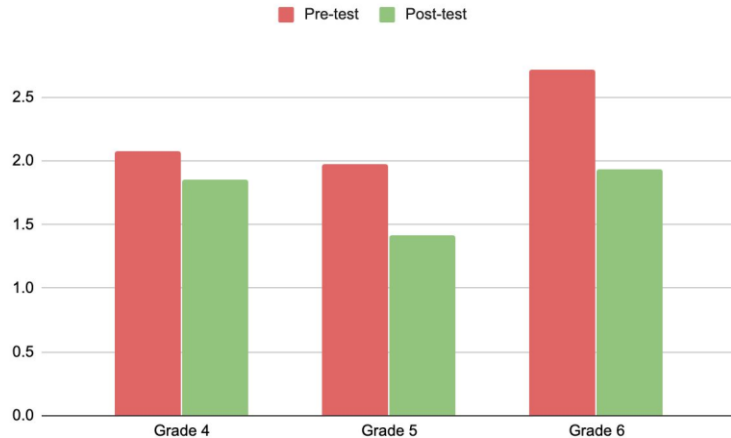
Mathematics fluency

+20.1%

Number of mistakes

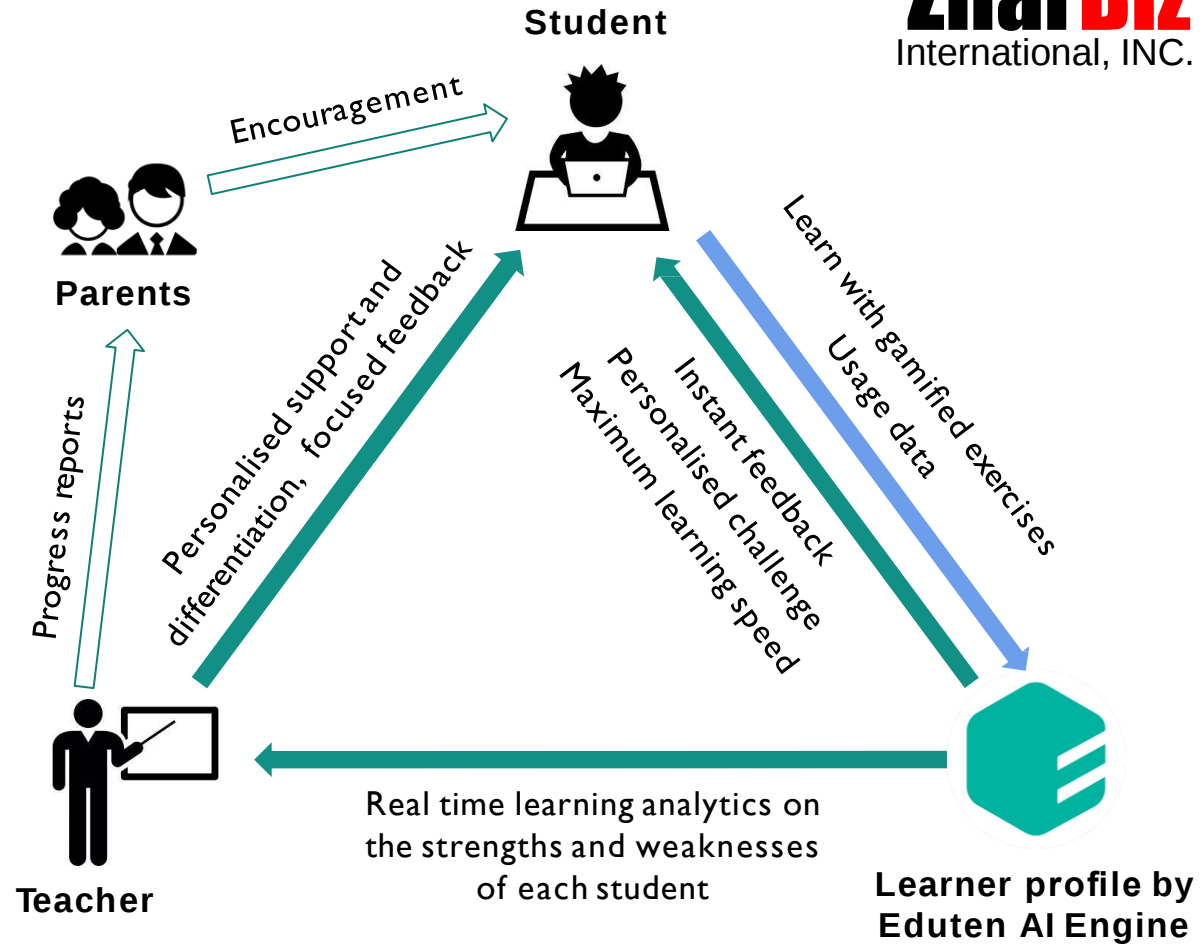
-16.4%

4 UAE schools, **775** students,
1 weekly digital lesson, **6** weeks



Eduten
Playground
helps the teacher
understand each
student **better** in
less time.

It builds and
maintains
motivation with
**constant positive
feedback** from
many sources.



Gamified exercises based on Finnish pedagogy

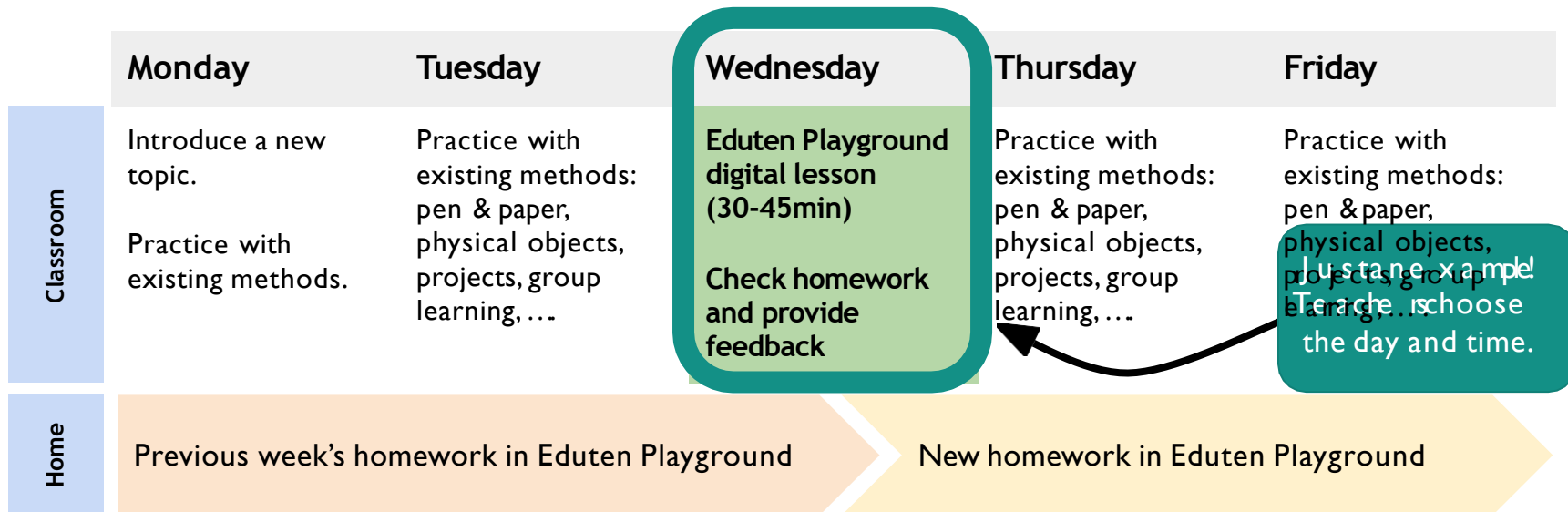
Over
200,000 fun and
gamified math tasks
organized in weekly
exercise programs
for grades 1-9

Exercises are
co-designed with
Finnish teachers and
students for a maximum
pedagogical impact

Weekly programs are
curriculum aligned
with direct support for
teachers' existing
weekly workflows

Finland Math in the classroom

Eduten Playground enhances and supports teachers' existing workflows by replacing **one math lesson per week**. It's effortless to set goals for students, and teacher receives superb **learning analytics** that make it easy to track student progress in real time.



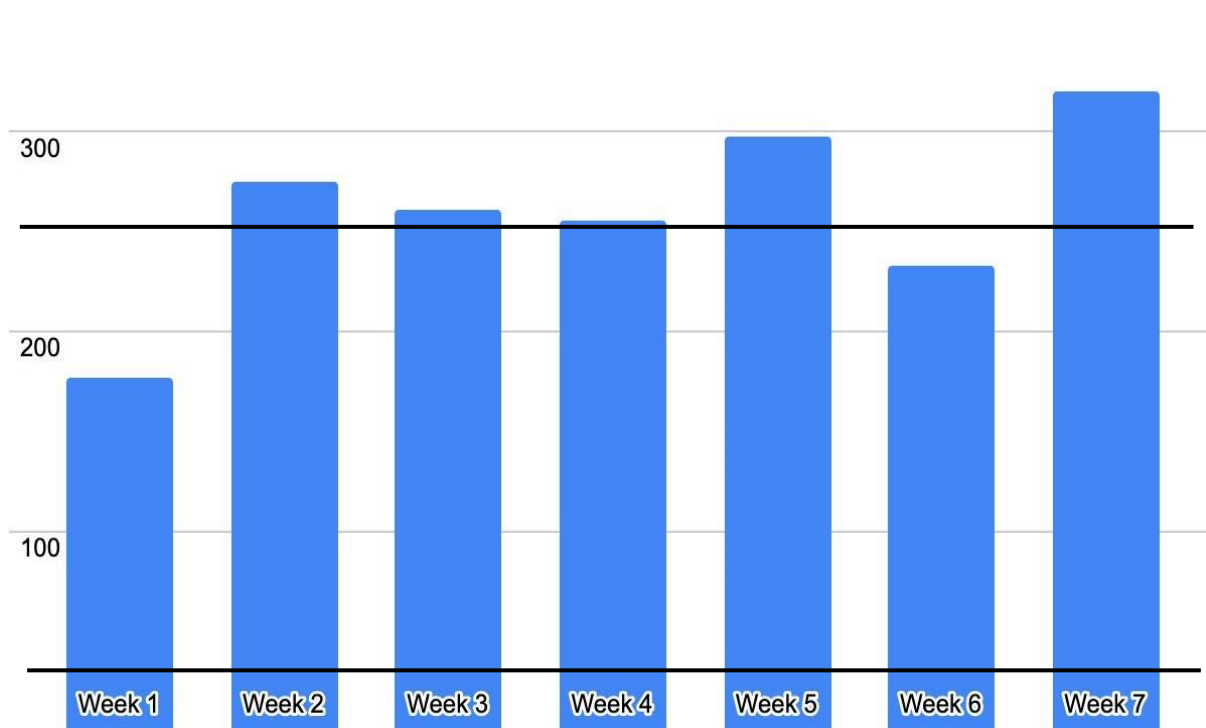


Remote teaching with Finland Math

Setting and tracking individual goals and activity levels takes just **minutes each week**. Teacher can focus their time on providing **personal support** for the students.

Monday	Tuesday	Wednesday	Thursday	Friday
Open a new lesson Students start to work on the lesson exercises Video conference for instruction and feedback on previous lesson achievements	Students work on the new lesson exercises	Open a new lesson Students start to work on the lesson exercises Video conference for instruction and feedback on previous lesson achievements	Students work on the new lesson exercises	Students work on previous lesson(s)
Keep following students' learning progress			Provide assistance over video calls, chat, ...	

Finland Math vs. Khan Academy



Average student tasks per week (3rd grade)



Weekly tasks
completed
per student

259.9

Weekly tasks
available

492



?

24



For Students

Learn faster by playing games. More than 150 different game types.

Gamified trophy system encourages to play more. Friendly competition with classmates.

Parent approved screen time.

A group of students and a teacher are gathered in a classroom, holding up trophies and certificates. The students are of various ages, and the teacher is a man with a beard. They are all smiling and looking towards the camera. The background shows a stone wall and a window.

For Students

Learn faster by playing. More than 100 different game types.

Gamified trophy system encourages to play more. Friendly competition with classmates.

Parent approved screen time.

Popești-Leordeni, Ilfov

October 2019





Students love learning with Finland Math

"I love that I can see how well I am doing"

"I'm Happy 😊"

"Excelente Programa !!!!"

"Can I do this at home?"

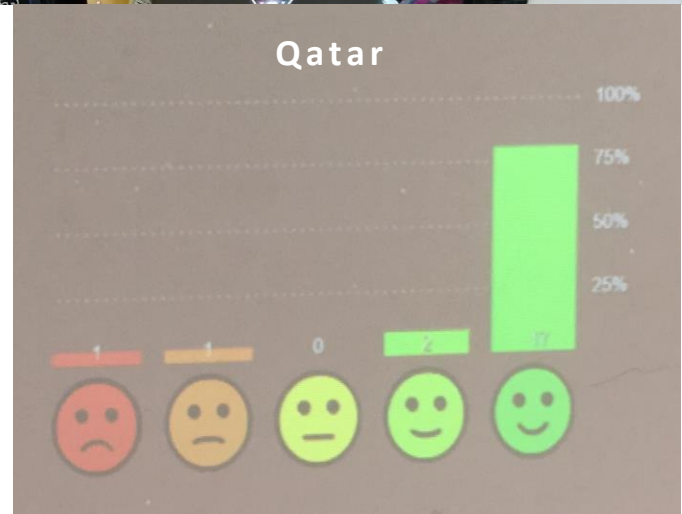
"This is so fun!"

"I want to do this every day"

"It is fun because it has fun games to teach and it incorporates a lot of different kinds of math"

"This is easy and I feel like I am not doing any maths at all"

"It is super fun because it can help you learn"



Is there a better way to use teachers' time?

Very easy to learn and use. No special computer skills needed.

Learning analytics help teachers understand each student better in less time.

Spend less time on paperwork and testing. More time for supporting students.

Survey to 2560 teachers

98.7%
of teachers
want to keep using
Eduten Playground
in the next semester

“The best thing that has happened to me during my teacher career.”

“I haven’t had so positive feedback from the kids of any other digital material.”

"Amazing how much they can learn with Finland Math, really amazing. Every single student is making good progress in Math, it is undoubtedly the best way for kids to develop math skills."



Finland Math for parents

Improves grades

Reduces math anxiety

Positive screen time

Continuous and easy
progress reports

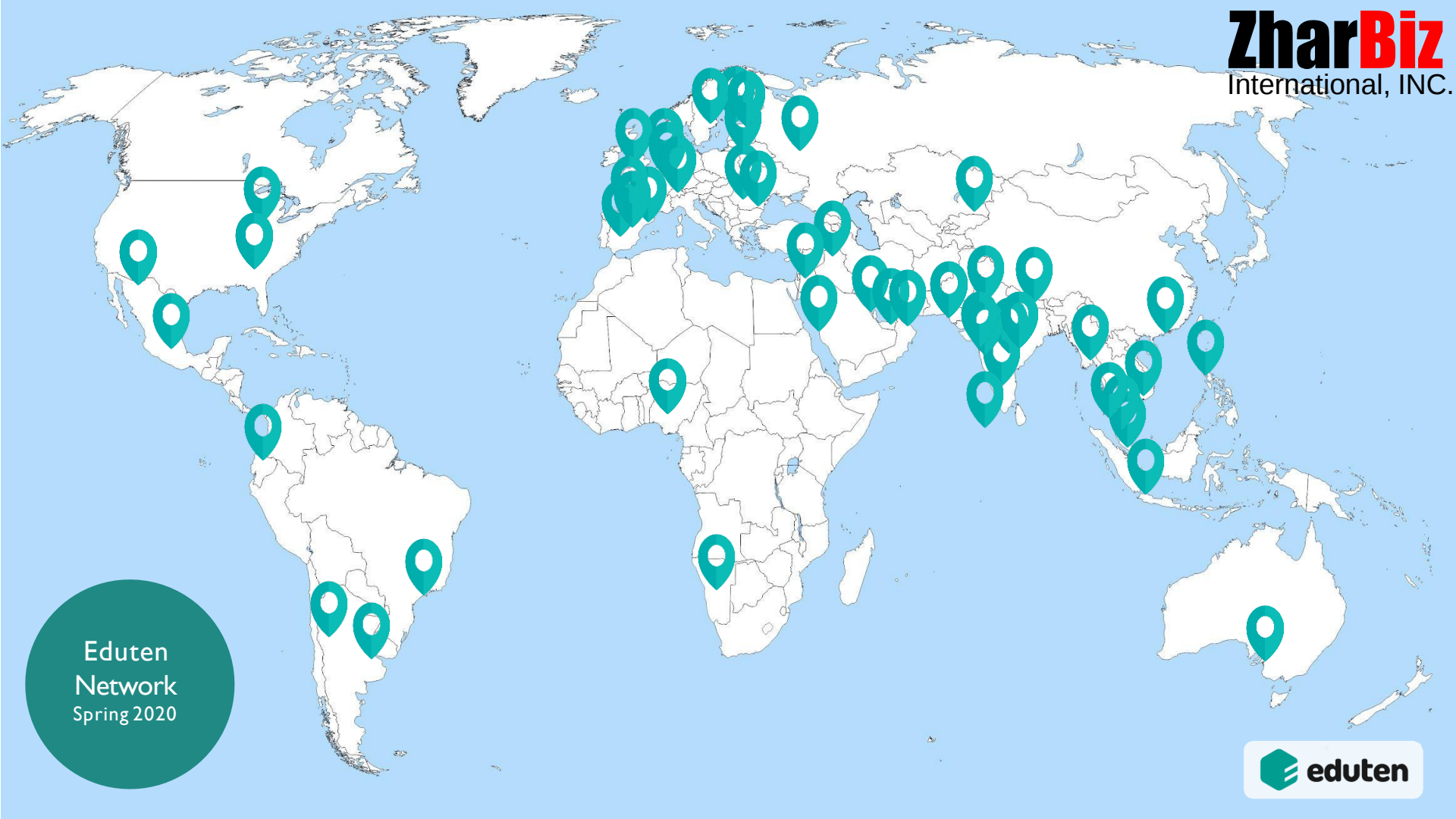
For education leadership

Real-time
learning analytics
and classroom metrics
across school, state or
national level

Data driven
resource allocation,
teacher management
and decision making

Visible impact on
standardized national and
international assessments
eg. PISA, TIMSS.

Eduten
Network
Spring 2020



Finland Math Research Pilot

A 4-week digital learning pilot with a school anywhere in the world.

- The teachers get training and support from Finland
- Teachers use Eduten Playground for 4 weekly lessons in the classroom + weekly homework
- After the pilot Turku University pedagogical experts analyze the student data and write a scientific report for the school.

More info and signup: www.eduten.com/pilot

Research Pilot

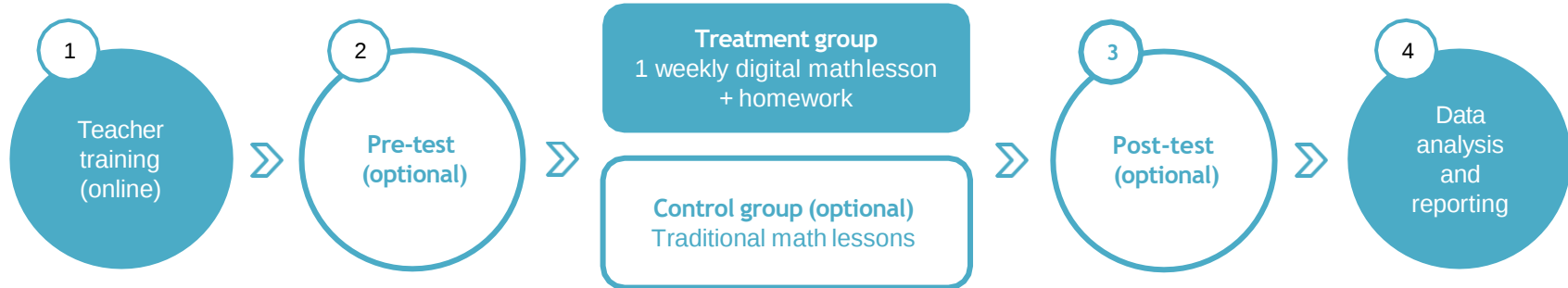
A 4-week digital pilot with a school anywhere in the world.

- The teachers get training and support from Finland
- Teachers replace one existing weekly math lesson with digital exercises
- After the pilot Turku University pedagogical experts analyze the student data and write a scientific report of the findings.

Impact Pilot

- Turku University Centre for Learning Analytics is looking for international universities to collaborate on studying the impact of digital learning tools in schools.
- The research is implemented in several schools with treatment and control groups.
- The universities jointly publish one or more academic papers about the study results.

Finland Math pilot process





Research pilot project overview

The purpose of this project is to introduce your school to Eduten Playground and study its impact on teaching and learning. The project will take **4 weeks** and includes the following phases:

1. **Teacher training.** Eduten trains the participating 1-3 teachers in philosophy of Finnish education and usage of Eduten Playground in their classrooms.
2. **4 weeks of pilot use.** The teachers and students use Eduten Playground as a part of normal coursework. In practice this means one lesson per week + homework.
3. **Research.** Pedagogical experts from University of Turku, Finland will analyze the data collected during the pilot and write a scientific study about the results.
4. **Closing.** Eduten presents the results to your school. The participating teachers and students receive a certificate for completing the pilot.



Further reading

- [Finland Math](#), a pedagogical support concept for Math teachers.
- I min [intro video](#) of Eduten Playground.
- [A recent University press release about Eduten's success across the world](#)
- [Thai teacher interview](#) about their experience with Eduten Playground.
- [Edtech Impact summary](#).
- [An article on Eduten Playground's role in the Finnish education ecosystem](#).
- [A scientific study with University of Turku and GEMS Education](#).
- [Scientific research](#) about Eduten Playground's impact in Finland.
- Video of [Nepalese students playing with Eduten Playground](#).



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