



**Gamification:
a Way to Growth Mindset and Self-Confidence**



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I am an expert in motivational psychology and an author. With 20 years of experience, I am one of the leading experts in Finland in the field of future skills, mindset, self-confidence and gamification in education.

I hold degrees in teaching, psychology and leadership and have written several books about leadership, growth mindset and self-confidence.

At the moment I work at a spinoff of University of Turku, Finland, called Eduten .

I am the Head of Partnership.



Education Facts About Finland



#1 providing future skills

Economist Intelligence Unit Limited 2018



#1 quality of primary education

World Economist Forum



#1 best education system

World Top 20 Project 2019Q1



eduten

FINLAND
MATH®

New Challenges to Be Solved:

1. Lack of motivation towards hard work

1. Exam stress

1. Perfectionism and lack of self-confidence

1. Concentration and engagement

Future skills -> Future mindset



SOLUTION 1:

**Growth Mindset
&
Self-Confidence**

Believes talent, intelligence & abilities are pre-set and can't be changed.

Avoids challenges, questions & failure.

Embraces challenges, learns from feedback.

Inspired by the success of others.

Wants to look 'smart' & fears looking 'stupid'.

Fixed Mindset

Growth Mindset

"I'm not good at this. I give up!"

Sees mistakes as growth opportunities.

"I'm not good at this **YET!** I'll keep trying!"

Keeps trying, & doesn't give up. Focuses on improvement.





How to Support Growth Mindset & Self-Confidence?



Growth Mindset Hacks at school (and home).

BRAIN BYTES



Reminding kids that the brain is like a muscle and it can grow.

PRAISE THE PROCESS



Complimenting children on their hard work, perseverance, determination and sisu.

CONSTRUCTIVE FEEDBACK




Creating a culture of feedback and how to embrace it to help people grow.

EMOTIONAL INTELLIGENCE



If we understand the role of emotion in learning we can support students to understand themselves too





SOLUTION 2:

Finland Math

Finland Math is the most up-to-date, cutting edge way to bring Finnish Education into Asian classrooms.



Finland Math in a Nutshell

Finland Math is a pedagogical concept that makes mathematics learning and teaching more effective, fun and engaging.

Mathematics
Problem solving skills
Computational skills

More time for teachers, better support for students

Deep understanding and creativity

Personalized learning

Stress free learning

Student centered learning

Growth mindset

21st
century
skills


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Finland Math in a nutshell



Student-Centered Learning

Make students active agents in the learning process.



Deep Understanding and Creative Problem Solving

Enable students to confidently overcome the unexpected.



Stress-Free Learning

Build passion for learning through safe and stress-free learning environments.



Personalized Learning

Customise the learning path for each learner's strengths and weaknesses.



More Time for Teachers and Focused Support for Students

Enable teachers understand their students better in less time.



Growth Mindset

Future-proof students with learning strategies that align with future needs.



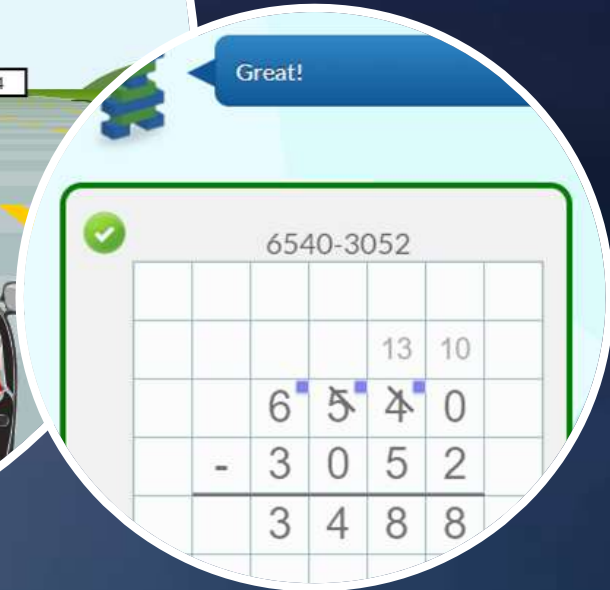
SOLUTION 3:

Gamified Platform

Eduten video:

www.eduten.com

150+ exercise types



May require extra challenge

This student knows the subject matter

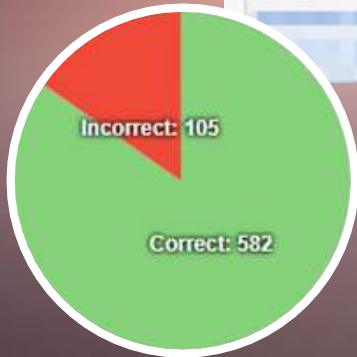
Requires support

This student requires additional support

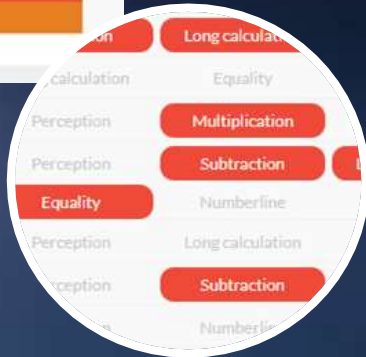
Pay special attention to this student

All students in course

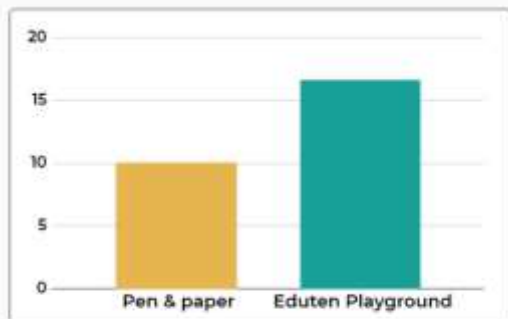
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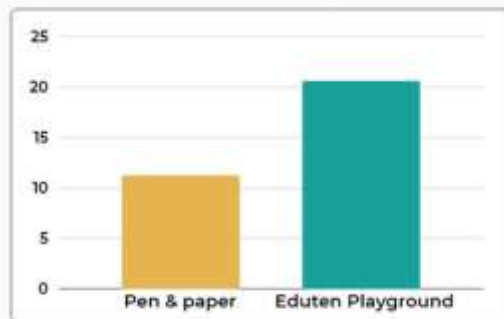
Automatic misconception identification



Study by University of Turku



39% improvement vs. control group to mathematics performance



45% improvement vs. control group to mathematics fluency



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

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



**Free offer:
Research-based pilot**



Eduten
Network
Jul 2019





#1 Digital Learning Platform. From Finland.

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