



# EDTech in Schools

Innovations, Cybersecurity and AI

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ATEA

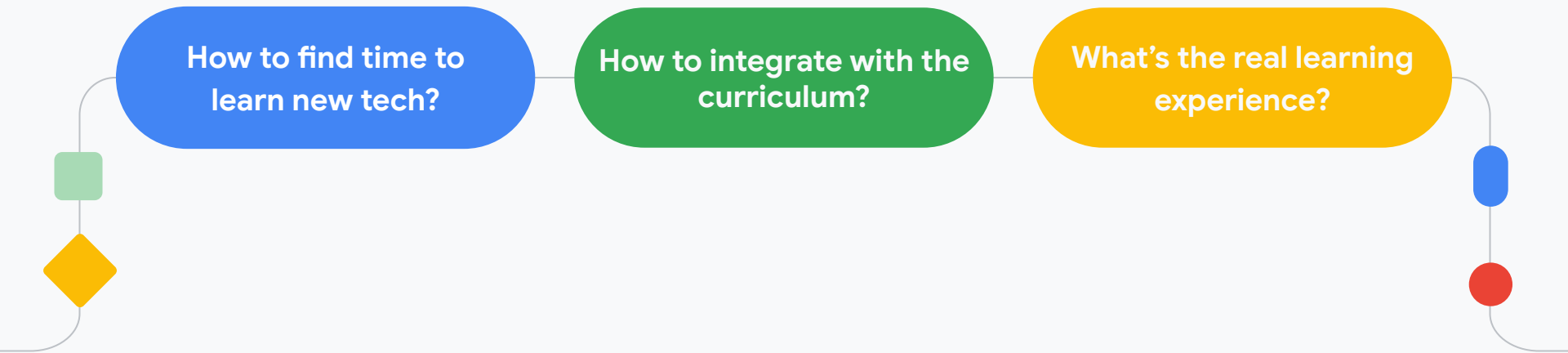
# Simo Siitonen

## Consultant



# Integrating tech into the curriculum





How to find time to  
learn new tech?

How to integrate with the  
curriculum?

What's the real learning  
experience?

# City of Ylöjärvi - Tutor Teachers

## Robotics and coding

For every 5th grader  
Tutor makes an appointment  
with the class teacher

Goal: The student practices  
programming in a graphical  
programming environment.

## Gen AI together

For every 6th grader  
Tutor makes an appointment  
with the class teacher

[www.generation-ai-stn.fi](http://www.generation-ai-stn.fi)

Goal: Students understands  
how Gen AI works

# OppilasAgentti

[oppilasagentti.fi/student-agents](https://oppilasagentti.fi/student-agents)

The Student Agent activity is a student-centered model in which technologically skilled students support other students and teachers in the use of information and communication technology (ICT).

Student Agents act as technology experts in their school, promoting learning and creating a positive ICT culture throughout the school community.

# Cybersecurity and data privacy



# Implementing IT solutions safely

## Security baseline

Google Workspace paid editions

Context-aware access

3rd party applications

Chrome action rules

## Data Privacy

Data regions

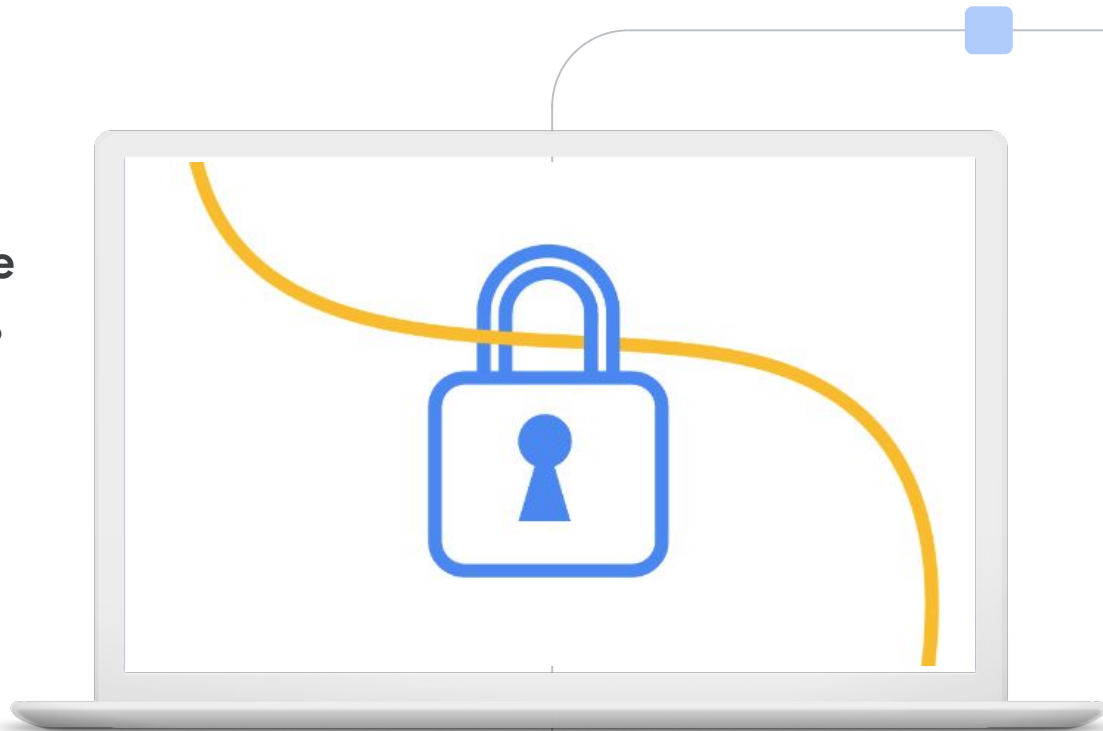
DPIA

Use what you really need



## More security

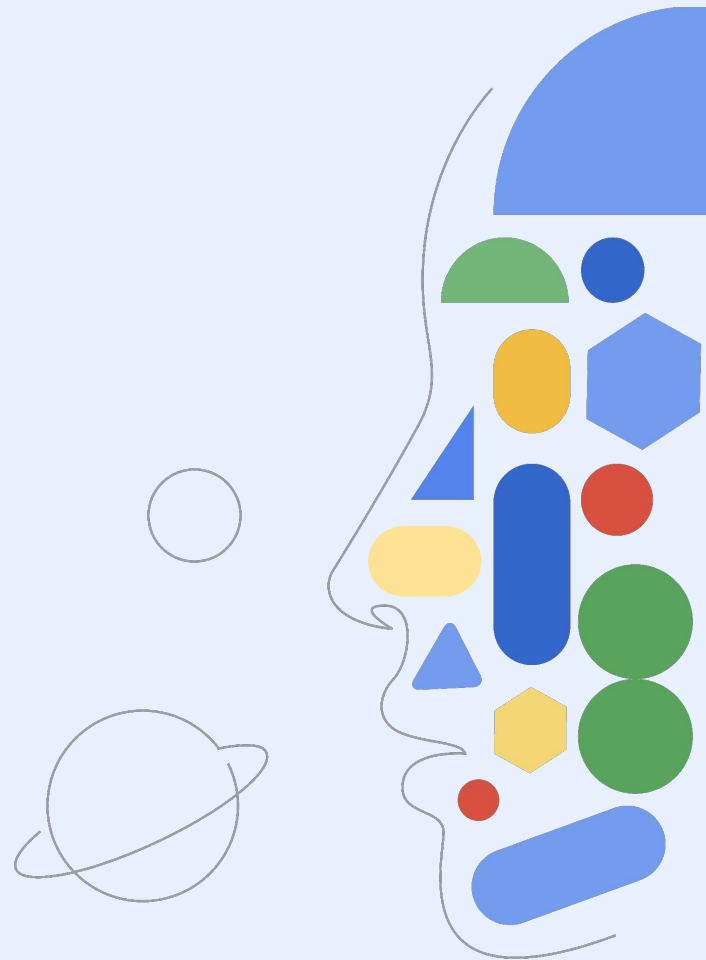
With AI-powered detection and remediation, **Google Workspace for Education** blocks over 99.9% of spam, phishing attempts, and malware. With features like Verified Boot to block threats, there have been no reported ransomware attacks ever on any **ChromeOS** device.\*



\*Source: [Safer Learning with Google for Education](#)

Google for Education

# AI and the future of education





Over time, AI will be the biggest technological shift we see in our lifetimes... It's a fundamental rewiring of technology and an incredible accelerant of human ingenuity.

**Sundar Pichai**

CEO of Google and Alphabet, Google Keyword Blog Post

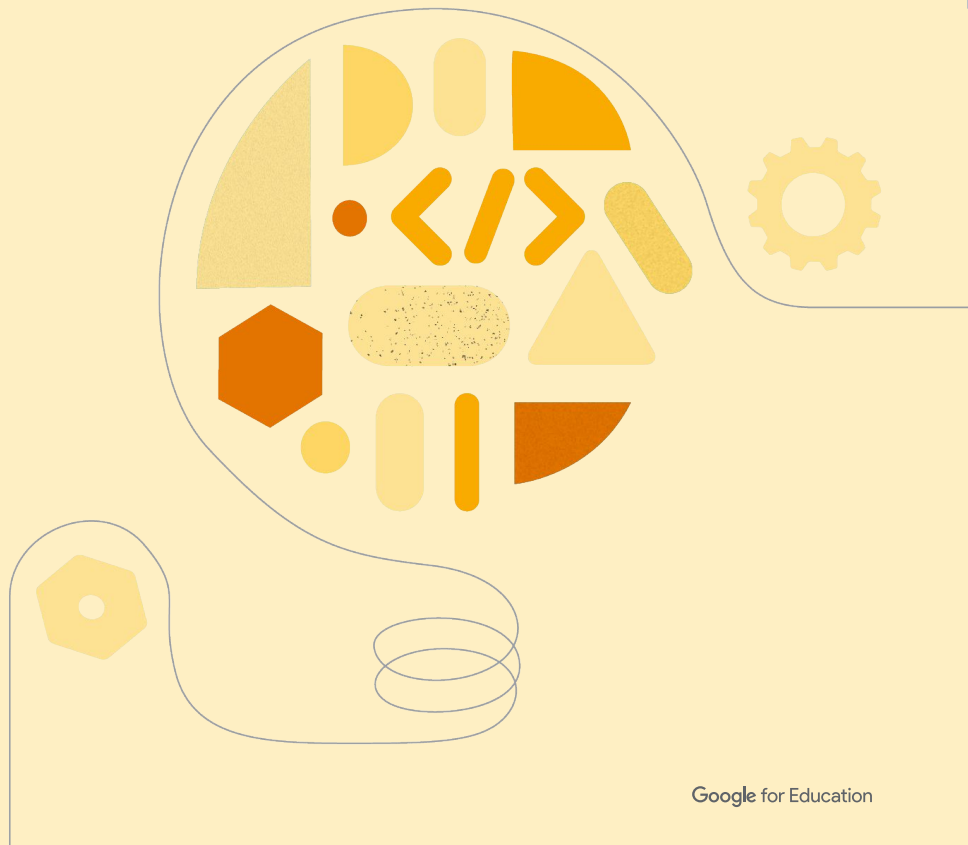
# Challenges we are facing with AI

**Age limit:** Google Gemini is now ready to use for students over the age of 13.

**Data security and privacy:** Choose a tool that guarantees that. Use measures to block shadow IT and evaluate applications as they implement new features

**Paid editions:** How to maximize cost effectiveness, recycle licenses from teacher to teacher.

**Education:** Bespoke materials and guides, training sessions



# A curated list of AI (and gen AI) resources

## Curated content and tutorials

[A Guide for AI in Google for Education](#)

[Three part series: AI and the future of learning  
\(Google DeepMind, The RSA\)](#)

[Applied Digital Skills: Discover AI in Daily Life](#)

[Generative AI Learning Path](#)

[Teacher Center](#)



Google for Education

# Thank you.

