# Shaping the digital classroom

The role of youth in future and present education

Remco Pijpers

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# Program

1. Role Models and the shaping of (digital) youth
2. What do we know about children's rights in a digital world?
3. How are children's rights in the digital classroom affected?
4. How can we turn the tide? Change our attitude towards technology & involving youth
5. Practicing: 'talking tough' - (digital) topics

**But first a 'quiz':**

**Do you know the online teenager and his digital environment?**

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# Role model:

# Role model:
# Janus Korczak
# (1878-1942)

**Pioneering educator and advocate for children's rights**

► Dedicated his life to the welfare and education of children, advocating for their rights and respect as individuals.

**Innovator in child-centered pedagogy**

► Implemented groundbreaking methods in education and childcare, including self-governance, democratic institutions within orphanages, and a focus on emotional development.

**Moral and ethical Leader**

► Exhibited unparalleled moral integrity, choosing to accompany the children under his care to the Treblinka extermination camp, despite being offered safety, embodying his commitment to them.

# Janusz Korczak's pedagogy: key elements

► **Respect for the child**
  ► Treating children with dignity and understanding their individuality.

► **Children's rights**
  ► Advocating for children as full human beings with inherent rights.

► **Self-governance and democracy**
  ► Implementing self-governance systems, including a children's court, to foster responsibility and community.

► **Empathy and emotional development**
  ► Emphasizing the importance of nurturing children's emotional well-being alongside their intellectual growth.

► **Education tailored to the individual**
  ► Adapting educational approaches to meet the unique needs and abilities of each child.

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# 2. What do we know about children's rights in a digital world?

- To safeguard the rights of children in the online world, the UN Committee on the Rights of the Child published General Comment 25 in 2021.

- In it, the UN Committee on the Rights of the Child makes recommendations to countries on how children's rights can best be respected in the digital environment.

- The UN Committee advocates for the development of robust legislation and regulation, and specific policies concerning children's rights in the digital world

# The internet as 'new frontier' versus harmful online content & conduct



News · 29 Sep 2023

Young tech superstars and Africa's digital future

## Zuckerberg tells parents of social media victims at Senate hearing: 'I'm sorry for everything you've been through'

**CEOs of Meta, X, TikTok, Snap and Discord questioned before Congress over alleged harms to young users on their platforms**



◄ Mark Zuckerberg apologises directly to families of online harm victims in Senate hearing – video

In a stunning moment during a congressional hearing over alleged online harms to children, the Meta CEO, Mark Zuckerberg, turned to parents of victims on the Senate floor and apologized.

# A Dutch 'translation' of 'comment 25':
# Code for Children's Rights for developers &
# policymakers



code voor
kinderrechten

# The Code at a glance

**Principle 1**

Make the best interests of the child the primary consideration when designing

**Principle 2**

Involve children and their expectations in the design process

**Principle 3**

Ensure the legitimate processing of personal data of children

**Principle 10**

Develop industry guidelines which are geared to protecting the interests and rights of children

**Principle 4**

Provide transparency in a way that is understandable and accessible to children

**Principle 5**

Carry out a privacy impact assessment based on children's rights

**Principle 6**

Provide a child-friendly privacy design

**Principle 7**

Prevent the profiling of children

**Principle 8**

Avoid the economic exploitation of children at all times

**Principle 9**

Avoid a harmful design for children at all times

Universiteit Leiden

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# Digital developments in education, urging for an ethical perspective

More and more technology for learning

The massive influence of (commercial) 'big tech'
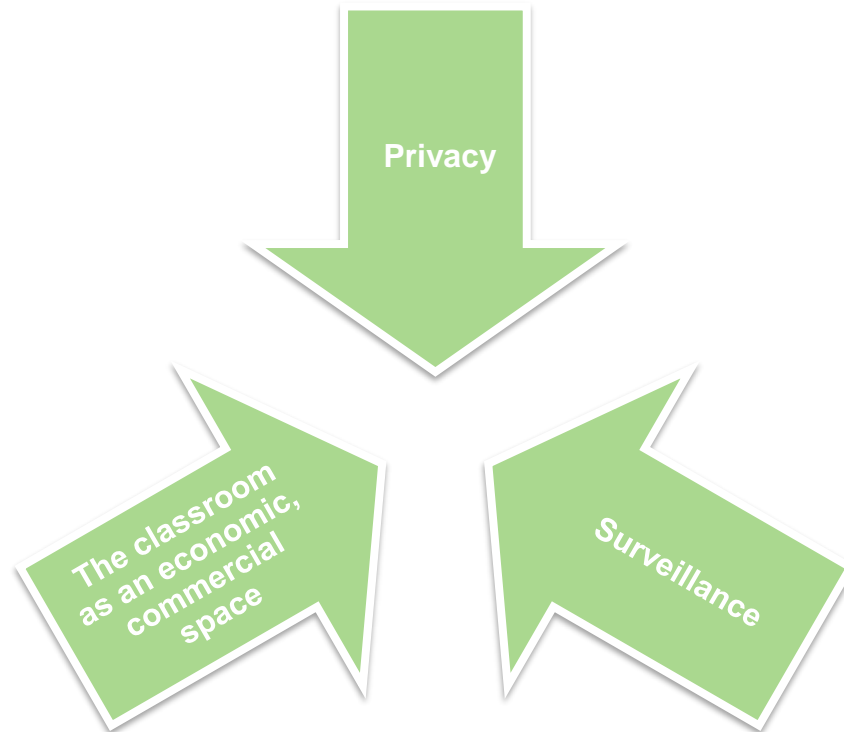
The development of all kinds of monitoring

The gathering and analyzing of data

The rapid development of AI

# Children's rights (promoted and) harmed



Privacy

The classroom as an economic, commercial space

Surveillance

ESSAY 3

DATA IN DE KLAS: EEN PLEIDOOI VOOR MEER VRIJE RUIMTE IN HET ONDERWIJS

Remco Pijpers, strategisch adviseur digitale geletterdheid, stichting Kennisnet
Erwin Bomas, docent onderzoek en ontwerpen, John Dewey College
Lotte Dondorp, senior beleidsadviseur, stichting Kennisnet
Niels Kerssens, universitair docent digitale media en maatschappij, Universiteit Utrecht

# The school as a sanctuary?

*"The school as a sanctuary is not a school that is oblivious to the world. It is a school that understands that education has an important role to fulfill for society. But the school as a sanctuary also offers sufficient shelter – to the pupil and the teacher – so that the wonder of a new beginning can unfold anew each week."*

Biesta, G. (2023). De school als vrijplaats. Over geïnspireerd goed onderwijs. Woerden, Verus.

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# Technology is not neutral

# We are not neutral - thankfully

# Involving youth

*"Children are not the people of tomorrow, but are people of today. They have a right to be taken seriously, and to be treated with tenderness and respect. They should be allowed to grow into whoever they were meant to be. 'The unknown person' inside of them is our hope for the future."* - Janusz Korczak

# Give them a strong voice in decision making on technology at schools – ethical deliberation

- ► Student councils
- ► Lessons on digital citizenship
- ► Let them create alternative technology
- ► ?

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# The Ethics Compass: an ethical delibaration in 7 steps

Determine the most important values

Formulate the ethical question: is it good to …?

Collect the initial reactions

Formulate pros and cons

Weigh the pros and cons

Formulate the answer

Evaluate

**What values (in Dutch: 'waarden') do you regard as key for you – as a person, as a school or as a community?**

# Case: Monitorsoftware

## productive classrooms, supported networks, saf

### who we are

Impero was born inside the classroom; that's why education lies at the heart of everything we do. Our remote monitoring and management software package, Impero Education Pro, has been developed working with schools and education institutions across the globe to help the EdTech sector make the most of digital learning.

### the features in Impero Ed

Impero Education Pro offers a con of software features, designed to monitoring and management in th environment. Whether you're a sc or university, take a look at our ex of features below and get in touc ready to find out more.

## online safety

### safeguarding in the digital age

E-safety, internet safety, online safety - however you refer to it - it's a top priority for schools. Whether you're teaching generation X or Z, they've been tweeting, posting, conversing, vlogging (video blogging) and gaming online for years. And as technology continues to evolve, it becomes naturally embedded into the educational space. While there's no denying that the online world unlocks endless opportunities, protecting students remains your number one concern.

### compliant with Ofsted guidance

Developed in compliance with Ofsted guidance, Impero Education Pro enables schools and colleges to adopt a whole site, managed approach to online safety. With real-time monitoring, keyword detection libraries and a complete log of all activity, Impero Education Pro prevents exposure to indecent content, helps to identify students at risk, enforces acceptable use policies and, ultimately, support schools with their safeguarding duties in line with Ofsted guidance.

### classroom management

Passing classroom control firmly into the hands of the tutor, providing real-time visibility of every user's device in one central view, and supporting BYOD initiatives with grouping structure functionality.

### inventory mana

Automating invent a single view and hi and state of equipn replaced, refreshed sooner, or later, tha

### computer usage monitoring

Setting the boundaries within which digital learning can thrive, restricting or monitoring users with regards to internet, application and hardware usage, with the ability to track encrypted or unlisted USBs and report on all network data by user or computer group.

### power managen

Centralising the co usage across the ne remote power on/c idle time and delive of comparative rep efficiency and track

### online safety

Protecting students from the risks of working online and imposing acceptable user boundaries, with key word detection, abuse libraries, blocks, filters, and Confide: an anonymous reporting tool for students to voice concerns.

### print manageme

Assigning print cre basis, applying rest a reasonable usage careless behaviour
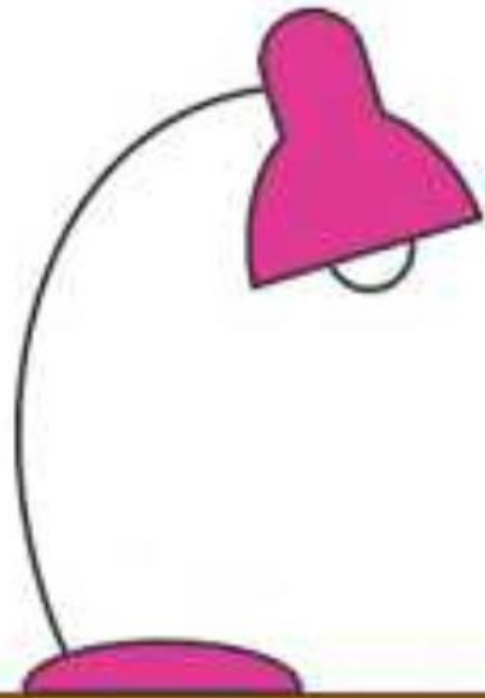
## key features

### keyword libraries

Keyword detection libraries, created in partnership with a number of charities, help to determine potential risk so the relevant support can be provided before an incident escalates. Libraries include (but are not limited to):

> Adult content
> Anti-bullying and trolling
> Counter-radicalisation, extremism and terrorism
> Eating disorders

> Grooming
> Homophobic language
> Racist language
> Self-harm
> Sexting
> Suicide

# Lock Screen

# Casus: Impero

Using this monitor software at your school – how does it promote and / or harm your values?

# Ways of seeing and being – with technology. Ethical perspectives on educational technology

**Hands – What does the technology deliver?**

- What goal do we want to achieve with this technology?

- Is this the best way, or are there other ways to achieve this goal?

- How do we do this within existing legal frameworks (such as: GPDR, children's rights)

**Head – Who is in charge?**
- What happens under the hood of technology?
- What 'scripts' are in the technology? Whose interests do they serve?
- What does this technology bring to the forefront, and what gets pushed to the background?
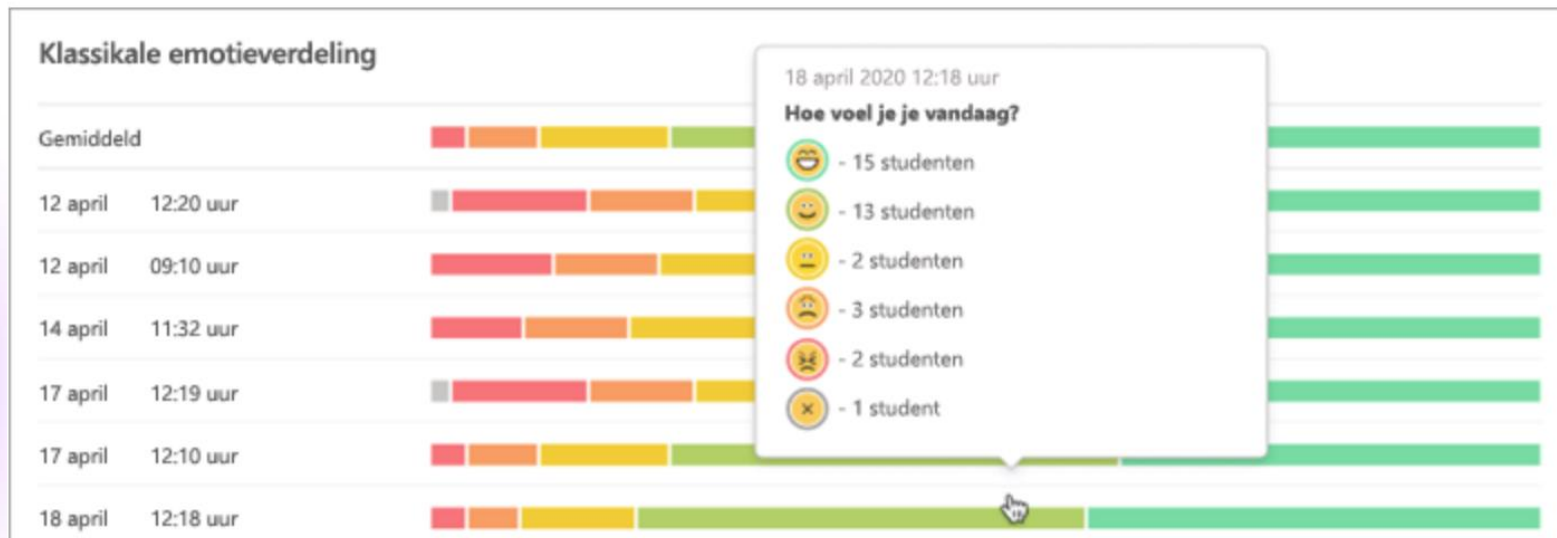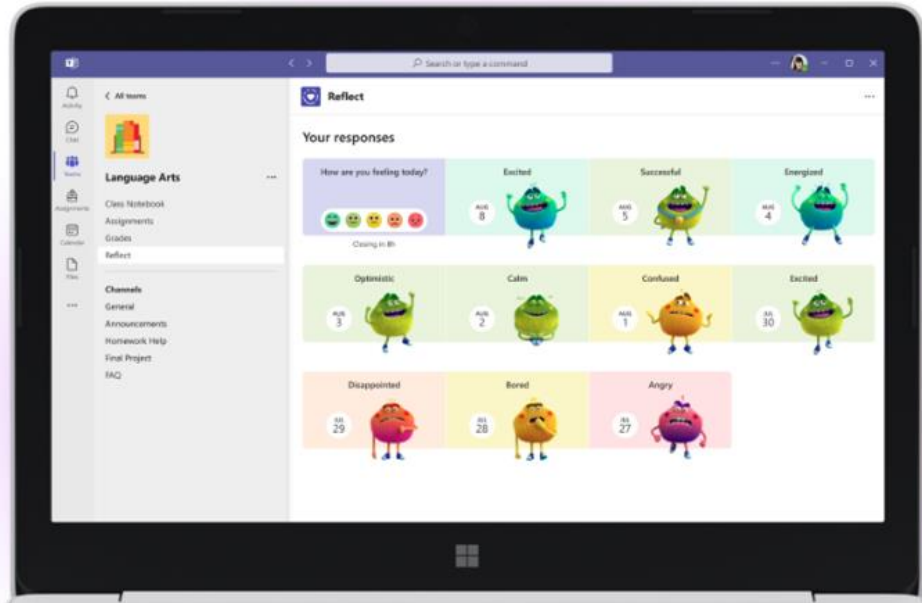
**Heart – How does technology shape us as humans?**

- How does this technology influence our way of being in the world? (think about: our way of thinking, perceiving, acting, our relationships with others, with ourselves)

- What does this technology make possible in our human existence, and what is at risk of dissapearing?

# Microsoft Reflect

A wellbeing app to support connection, expression, and learning

"een hulpmiddel binnen Teams dat leerlingen helpt hun gevoelens op een veilige en leuke manier te identificeren en uit te drukken, hun emotionele woordenschat op te bouwen en leerkrachten inzichten te geven die ze nodig hebben om hen te ondersteunen".



## Klassikale emotieverdeling

| | | |
|---|---|---|
| Gemiddeld | | |
| 12 april | 12:20 uur | |
| 12 april | 09:10 uur | |
| 14 april | 11:32 uur | |
| 17 april | 12:19 uur | |
| 17 april | 12:10 uur | |
| 18 april | 12:18 uur | |

18 april 2020 12:18 uur
Hoe voel je je vandaag?

- 15 studenten
- 13 studenten
- 2 studenten
- 3 studenten
- 2 studenten
- 1 student

**Cas**

# Casus: Reflect

A teacher at a primary school suggests to work with Reflect from Microsoft, a tool that helps pupils to talk about their emotions. The team decides to investigate Reflect and talk about it.

1) All of you are the team

2) Is this a good idea, or not?

# Ways of seeing and being – with technology. Ethical perspectives on educational technology



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# To take home

► http://kn.nu/weighingvalues



**Kennisnet**

**Weighing values**

An ethical perspective on digitalisation in education

Let ICT work **for education**

# HEADSTART

## GUIDELINES FOR SCHOOL LEADERS

## #4 VALUE COMPASS FOR DIGITAL TRANSFORMATION OF EDUCATION

# This card provides HELP in:

- building a frame of reference for structuring the digital transformation of your school;
- understanding the importance of ethics;
- using a value compass in your team.

giving algorithms more power in the classroom both enlarge and reduce the autonomy of the teacher. These values encompass many other important values such as inclusivity, meaningful contact, freedom of choice. The relevant importance of each

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