Exploring new forms of teaching, learning and assessing in an interactive world

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NESTT

During the project implementation (2016-2019), NESTT will answer two essential questions:

- How do children learn in formal and informal contexts?
- What is the teachers' role in student's learning and what tools should they use?

Every teacher has the right to teach classes in his or her own way. Really?

And what about the student's own unique interests and endeavours?

Mike Sharples

Professor of Educational Technology at The Open University, UK.

His research involves humancentred design of new technologies and environments for learning.

He is lead author of the Innovating Pedagogy report series.



new ways to teach and learn



new ways to teach and learn

Flipped Learning

Gamification

Game-Based Learning

Storytelling

Cooperative Learning

Collaborative Learning

Threshold concepts

Translanguaging

Computational thinking

Personal inquiry

Learning for the future

Adaptive teaching

Spaced learning

Analytics of emotions

Dynamic assessment

Stealth assessment

Learning from gaming

Geo-learning

Learning through

social media

Epistemic education

Crossover learning

Explore first

Teachback

Learning from animations

Learning to learn

Assessment for learning

Formative analytics

Learning in remote labs

Context-based learning

Event-based learning

Incidental learning

Learning through

argumentation

Embodied learning

Immersive learning

Maker culture

Bricolage

Massive open social

learning

Crowd learning

Citizen inquiry

Rhizomatic learning

Reputation management

Open pedagogy

Humanistic education

communities

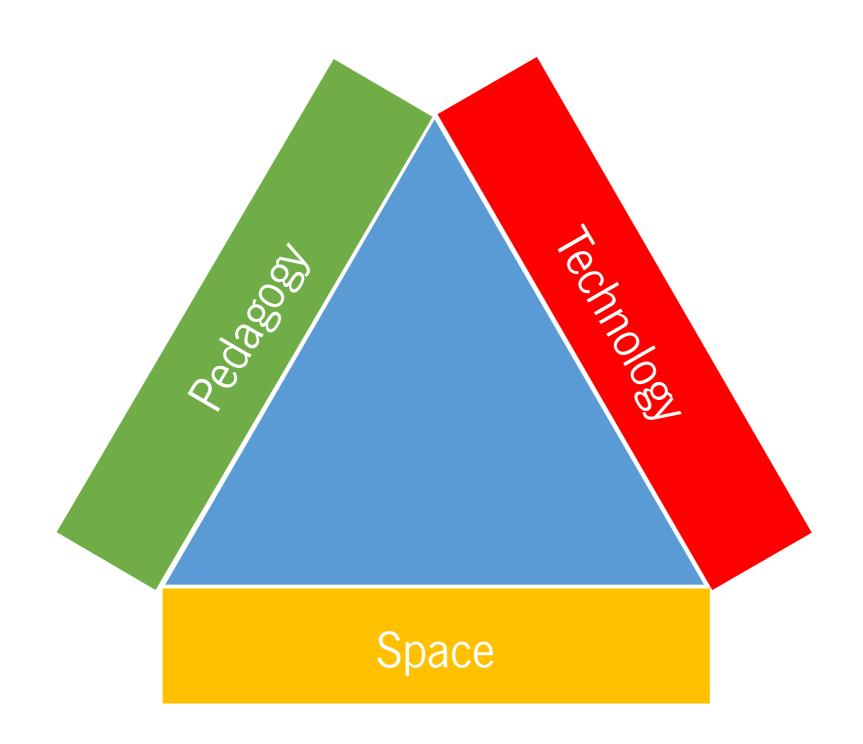
Seamless learning

"Don't teach what the student can learn for himself."

Mike Sharples

"Students learn best when they are in control of their learning."

Mike Sharples



Pedagogy

 To consider different pedagogies: flipped learning, projectbased learning, cooperative learning, collaborative learning, game-based learning, mobile robotics, ...

Technology

 To encourage the use of digital resources, highlighting their potential for improving students' learning.

Space

To (re)imagine the learning space: What is the teacher's role?
What are the students' options for different activities?



What are the students' options for different activities?





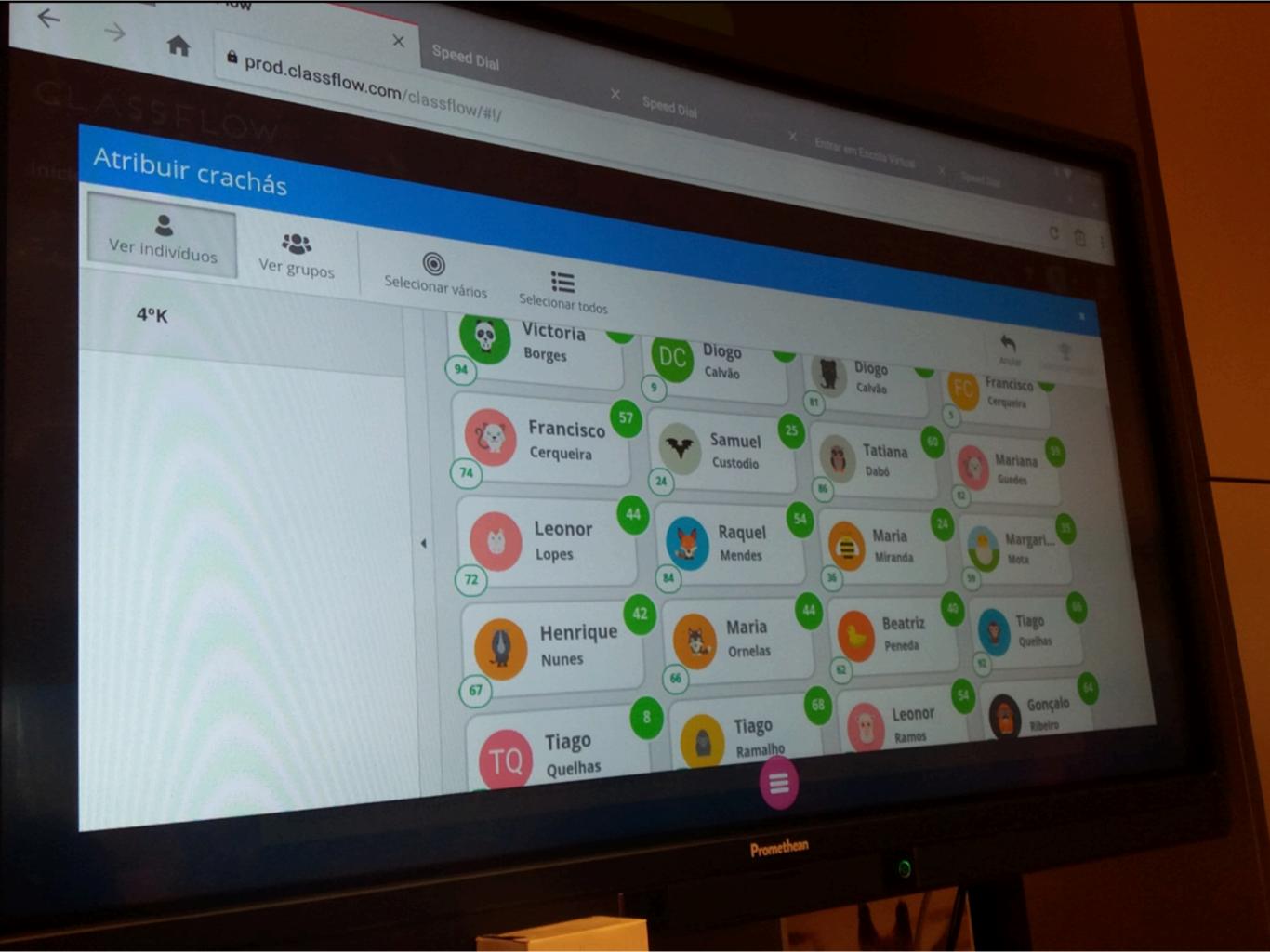












What is the teacher's role?







Every teacher has the right to teach classes in his or her own way. Really?

"If we teach today's students as we taught yesterday's, we rob them of tomorrow."

John Dewey

"A mind is like a parachute. It doesn't work if it is not open."

- Frank Zappa



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Thank you!

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