HOW TECHNOLOGY CAN IMPROVE
PERSONALISATION
COL·LEGI MONTSERRAT

Early Childhood Education (1 – 5 years old)
Primary Education
Secondary Education
High School (IB)

1018 students
70 teachers
Jean Piaget → Cognitive Development

Dewey / Kilpratick → Experiential Learning, Project Based Learning

Bruner / Vygostki → Cultural influence on Development

Decroly / Montessori → Active role of the student, Learning Centres

Feldman → Non-Universal Theory
XXI CENTURY SKILLS

PROBLEM SOLVING

INTERPERSONAL SKILLS

LISTENING

READING SKILLS

CREATIVITY

GOAL SETTING

ORGANIZATIONAL EFFECTIVENESS

COMMUNICATION SKILLS

PERSONAL DEVELOPMENT

LEADERSHIP

COMPUTATION

TEAM WORK
Personal Learning Plan
Goals & Strategies
Reflection
PORTFOLIO
PLE
Personal Learning Environment
CURRICULUM
METHODOLOGY

Project Based Learning
METHODOLOGY

Design Thinking
METHODOLOGY

Choice: Process
ASSESSMENT

Choice: Products  Assessment  Critical friends
New Competencies (P. Perrenoud)

“Lifelong learning”

Teacher Portfolio

Plan Choreographies

Role of the Teacher

Role of the Student

“Main Character” of his learning

Competencies development

Personal Learning Plan

From Reading-Writing-Arithmetic (3R) to Explore – Express – Communicate (3X)

Learning Personalization (participates en su propio curriculum y metodología)

Autonomía

Metacognición

Reflective practice

Autonomía

Metacognición

Reflective practice

PLE (Personal Learning Environment)

TPACK

Master Class

Mentoring

Research Groups
ROLE OF THE TEACHER

- Personal coach for a number of students
- Subject teacher
- General teacher
- Team member

Significantly more time with students
ROLE OF THE TEACHER

One Teach, one Observe
One Teach, one Assist
Parallel Teaching
Station Teaching
Alternative Teaching
Team Teaching

Significantly more time with students
PHYSICAL SPACE

Cave: One to self
Campfire: One to many
Watering Hole: many to many
CULTURAL SPACE

Cooperative Learning
VIRTUAL SPACE

Knowledge Sharing: blogs...
VIRTUAL SPACE

How can we balance freedom and structure?

Learning Landscape

S. Collis
How can we communicate learning opportunities?
Gateways

How can we communicate what is optional and what is compulsory?
Tracking System

How can we know who is doing what? How can the student know?
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![Progress Bar](image)

![Quiz Results](image)

**Accountability**
Thank you!
HOW TECHNOLOGY CAN IMPROVE PERSONALISATION