High Touch High Tech (HTHT)

Personalised Learning for All

What is HTHT?

Hight Touch High Tech (HTHT) is an approach that aims to accelerate learning for all by combining the unique strengths of the teacher (High Touch) and the power of AI-enabled adaptive learning technology (High Tech).

How does HTHT work in the classroom?

HTHT provides structured teacher training and support to integrate adaptive technology and shift pedagogy in the classroom, from a one-sized-fits-all approach to personalised, data-informed instruction.

PERSONALISED FOUNDATIONAL PRACTICE

Students use adaptive learning platforms that:

- Diagnose learning levels
- Adjust content to each student
- Allow students to practice at their own pace
- Provide immediate feedback
- Generate progress data

DATA-INFORMED INSTRUCTION

Teachers use platform dashboards and classroom observation to:

- Group students by mastery level
- Provide small-group instruction
- Conduct one-on-one individualised support
- Adapt lessons plans

ACTIVE AND APPLIED LEARNING

Classroom time is intentionally structured so that:

- Technology helps build foundational skills
- Teachers facilitate discussion, collaboration, and problem-solving
- Students engage in project-based or applied tasks
- Higher-order thinking and socio-emotional skills are strengthened

What's the impact?

HTHT pilots across four countries—Vietnam, Uruguay, Cambodia and the Philippines—demonstrated statistically significant gains in maths, often **doubling learning progress** compared to control groups and accelerating learning outcomes for students furthest behind. HTHT is effective because it helps teachers address wide variations in student learning:

✓ Adaptive technology diagnoses each student's mastery level and adjusts content in real time, allowing students to progress at their own pace. **Evidence from Vietnam and Cambodia show stronger gains among lower-performing students.**

✓ Teachers are equipped with real-time data to personalise instruction. Dashboards and progress reports allow teachers to regroup students, target instruction, and adjust lesson plans. **In the Philippines, 85% of teachers participating in the pilot study differentiated instruction based on platform data, and 100% integrated student data into their lesson plans.**

HTHT works not because of technology alone, but because it strengthens teachers' ability to deliver targeted, data-informed, higher-quality instruction.