TECHNOLOGY-ENHANCED LEARNING AT BRANKSOME HALL

SPRING 2023 RESULTS

WHY WAS THIS STUDY CONDUCTED?

We conducted a research pilot to better understand (a) how teachers are implementing the use of technology in the classroom; (b) the strengths, challenges, and concerns associated with technology; and (c) challenges and opportunities for increasing accessibility and equity.

HOW WAS THIS STUDY CONDUCTED?

This study involved immersion and observation in JS classrooms across K-6 and the JS iHub, along with semi-structured interviews about technology use at school with teachers and staff. The following sections summarize the results.

ENGAGEMENT IN LEARNING WITH TECH

Students show **high engagement and joy** in learning experiences that involve technology. This **enthusiasm can be leveraged** to enhance the learning process and **keep students motivated.**

VARIABILITY IN TECH LITERACY

Students come with a **wide range** of technological skills. This diversity offers a chance for **peer-led learning**, with tech-savvy students helping others. However, it also poses a challenge to ensure all students **benefit equally** from technology-enhanced lessons.

IMPACT ON SKILL DEVELOPMENT

Technology aids in developing **skills like design thinking, articulation of ideas, pattern recognition and problem-solving**. However, teachers expressed a concern about a loss of **physical skills** (like handwriting) and **foundational skills** (like spelling, grammar).

TEACHERS' ROLE AND PROFESSIONAL DEVELOPMENT

Teachers are key **role models** for intentional technology use and self-regulation with personal devices. Continuous professional development and time for **personal exploration of digital tools** are crucial for empowering teachers in this evolving landscape of technology-enhanced education.

PERSONALIZATION AND IMPLEMENTATION

While digital tools offer opportunities for personalized learning experiences, tailoring education to individual student needs requires significant time and effort from teachers. Schools should **provide support and resources** to teachers for effective implementation of technology.

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