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Policy Brief

Part 1:

Of Hattie's six factors of student achievement, the one most influenced by technology is the child. Hattie writes, "An aim of schooling should be to maximize the number of active learners." Technology is a way to fully engage students and make them active learners because the students are using the technology as a tool for them to explore the curriculum. Students nowadays are incredibly knowledgeable about technology, so by using it in the classroom, teachers are able to tap into something that will motivate student learning. Through this motivation, students will be more willing to challenge themselves in their academic work.

The factor that is least influenced is the curricula. The curriculum for a school should not be dictated by the technology, but rather the technology should support the activities used to implement the curriculum. Hattie writes that an aspect that should influence student learning is "developing a curriculum that aims for the best balance of surface and deep understanding from the students." While this can be achieved using technology, it is more so through the technology approach then it is the actual curriculum.

The factor that offers the most promise for technology is the approaches to teaching. Hattie writes that the following aspects are critical to student learning – "setting challenging tasks, providing multiple opportunities for deliberative practice, and knowing when one (teacher and student) is successful in attaining these goals." Technology can be used to assign differentiated tasks that will challenge students at their levels. There are also many opportunities with the use of technology for students to practice so they can be successful. The key for

teachers is to have the opportunity to discuss and share what they are doing in the classroom, so that they can learn from each other and adapt what others have done in a way that will be successful for them.

The factor that has the most problematic relationship with technology is the teacher. The teacher has the most problematic relationship with technology because depending on their own experience, some teachers have lots of experience and some have very little. This is also why it is critical that teachers are given time to share their different approaches to teaching and what is successful and what is not. With the changes in technology that are constantly happening, it is almost impossible for teachers to stay on top of what the current technology is, especially if you're limited in your understanding of technology in the recent past. Hattie writes, "It is teachers who are open to experience, learn from errors, seek and learn from feedback from students, and who foster effort, clarity, and engagement in learning." This quote describes the ideal teacher and this teacher needs to be able to be open to the challenges they face with technology.

Part 2:

Factor influencing student achievement	Common technologies	Opportunities	Challenges
The child	Computer	Engage and motivate students to challenge themselves to bring about their best work. Students are able to collaborate easier through technology by using programs such as OneNote, Prezi, or Wikis.	The challenges for children are the appropriate use of the technology and making sure they have the understanding of who can see their work.
The home	Calculator Computer Television	Students with the support of their parents can further their understanding by using technology at home to supplement what they have learned in the classroom. Technology can help improve the communication between home and school so that there is not such a gap in the parents knowledge of the language at school.	Not all homes have the same technologies. Therefore not all students and parents have the same opportunities.
The school	Computers Interactive White Boards Projectors	Technology can provide ways to engage and motivate students in learning which will lead to less distracting students.	Not all schools are provided with the same technologies, which gives some schools an advantage over others.
The curricula	Computers Interactive White Boards	While the curriculum stays the same, students are allowed to access it in multiple ways using technology that will teach specific skills and deepen understanding. Responsibility and proper use with technology must also be taught.	Sometimes perceived as the technology driving the curriculum.
The teacher	Computers Interactive White Boards Projectors	Teachers use technology to meet the different needs of all students. Through technology, they can track and record the progress students are making.	Teacher needs to stay current with technology as best as possible. Some teachers fear technology and are afraid to make mistakes.
The approaches to teaching	Wiki Blogs Email	Teachers can create learning activities with specific learning intentions and specific purposes using technology. Technology provides opportunities for students to work together	Having the time to keep track of the individual progress of each student. Having the time to create multiple ways for the students to access the technology and demonstrate their learning

		collaboratively and it also helps to link the learning in school with that at home.	and understanding.