



BRAINCHILD®



The Evolution of Educational Technology in Teaching Essential Foundation Skills

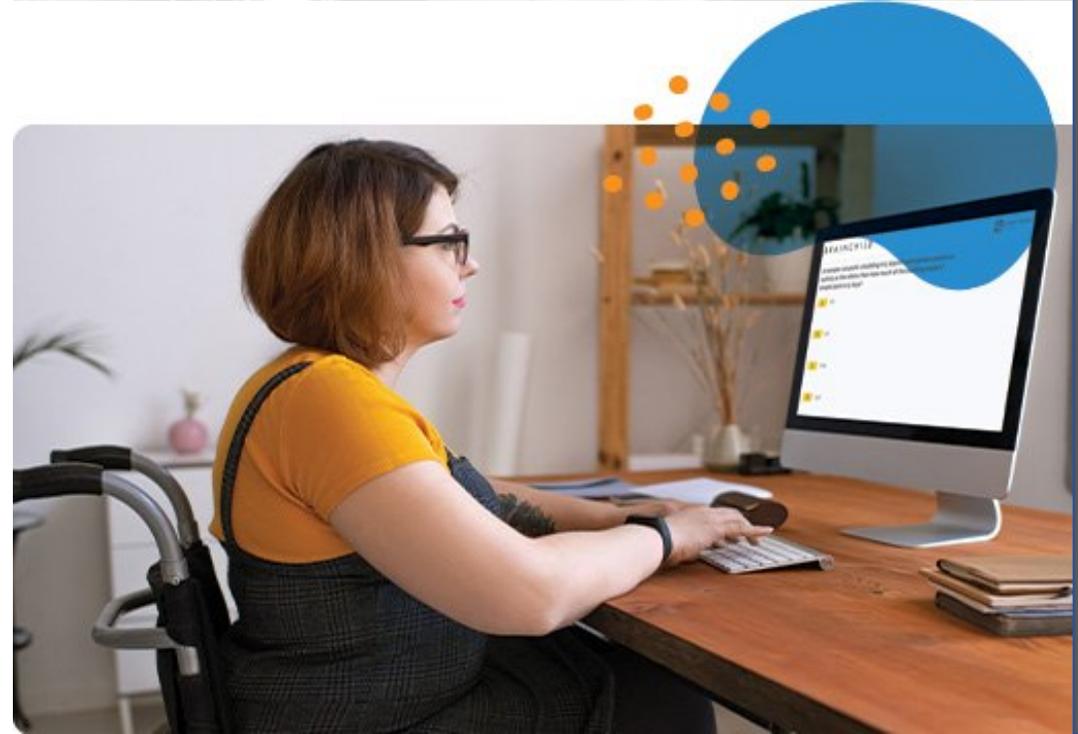
**2020 HEP/CAMP
Conference**

November 12th, 2020

Topics of Discussion:

- ❑ Introduction to Brainchild & Myself
- ❑ Why do we need Technology in schools?
- ❑ How has Technology been used in schools?
- ❑ How has Technology has adapted to “no internet”?
- ❑ How will future innovative Technology be used in schools?
- ❑ Closing Sentiments

B R A I N C H I L D



Introduction to Brainchild

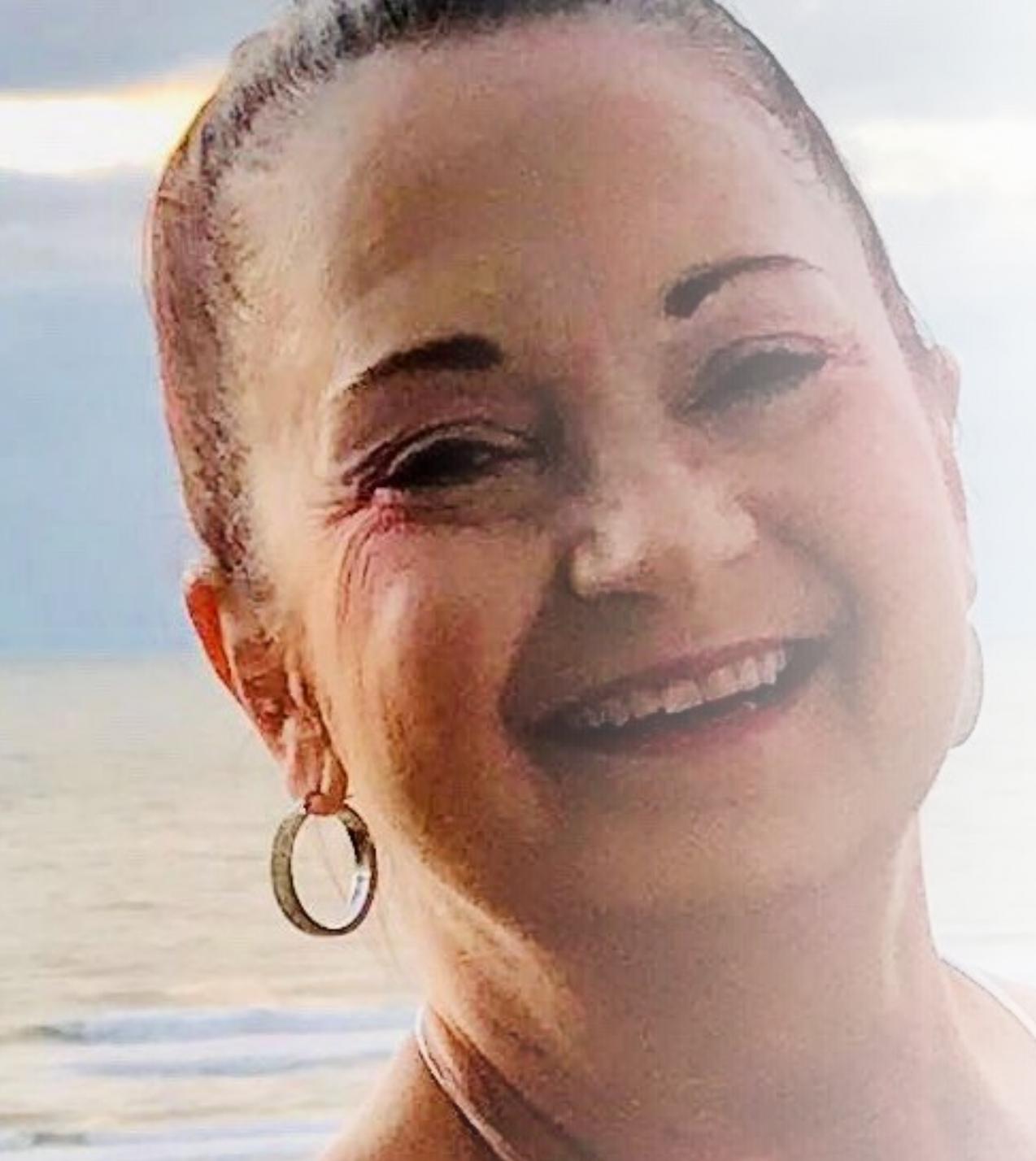
Brainchild provides Self-paced Bilingual Education ideal for English language learners because it features bilingual interventions and educational resources with its Migrant and ELL Program.

Brainchild's Migrant and ELL Program helps eliminate the obstacles that Spanish speaking migrant workers may be facing with its Pathfinders and GED learning content which provide intensive Spanish and English instruction to help migrant and seasonal farm workers earn a high school diploma and become contributing members of their community.

*“The Southern Kentucky Migrant Education (SKY) Program (MEP) was prepared with educational tools to help improve the student’s reading scores. They took the time to explain and demonstrate the use of the Brainchild **Study Buddy** ... one month later, the teacher expressed her joy and proud feelings for the improvement in the migrant student’s reading scores. ‘We used the Study Buddy every single day to read and answer the questions. I owe a thank you to everyone for caring ...’”*

-- Migrant Magazine July 2017, Kentucky Migrant Education Program (MEP)





Introduction to Myself

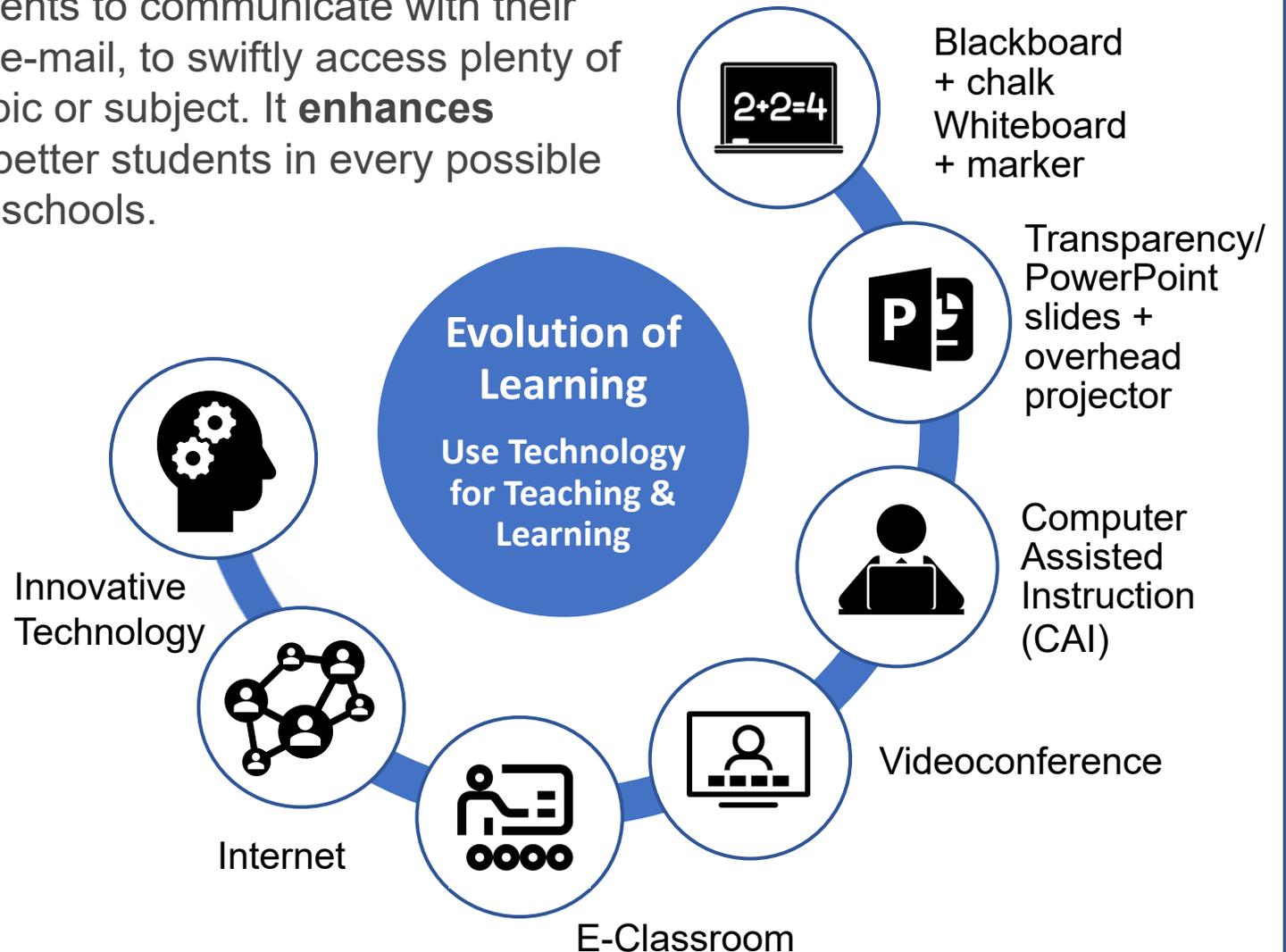
My name is Nancy Rich, Account Executive for Brainchild. I bring value to the educational community by understanding our customer's specific distance learning needs and priorities and deliver on their expected outcomes.

My focus is providing self-paced Bilingual Education ideal for English language learners because it features bilingual interventions and educational resources through Brainchild's Migrant and ELL Program.

Why do we need Technology in schools?

Technology has made it easy for students to communicate with their teachers, send their assignments via e-mail, to swiftly access plenty of information online about a specific topic or subject. It **enhances students learning** and makes them better students in every possible means. Thus, we need technology in schools.

1. Greater access to lessons, study materials and tests.
2. Ease of presenting instruction.
3. Ease of teaching lessons.
4. Quicker learning.
5. Ease of assessing skill level.
6. Ease of transfer & storage test results.
7. Ease of updating lesson content.
8. Ease of remote communication.

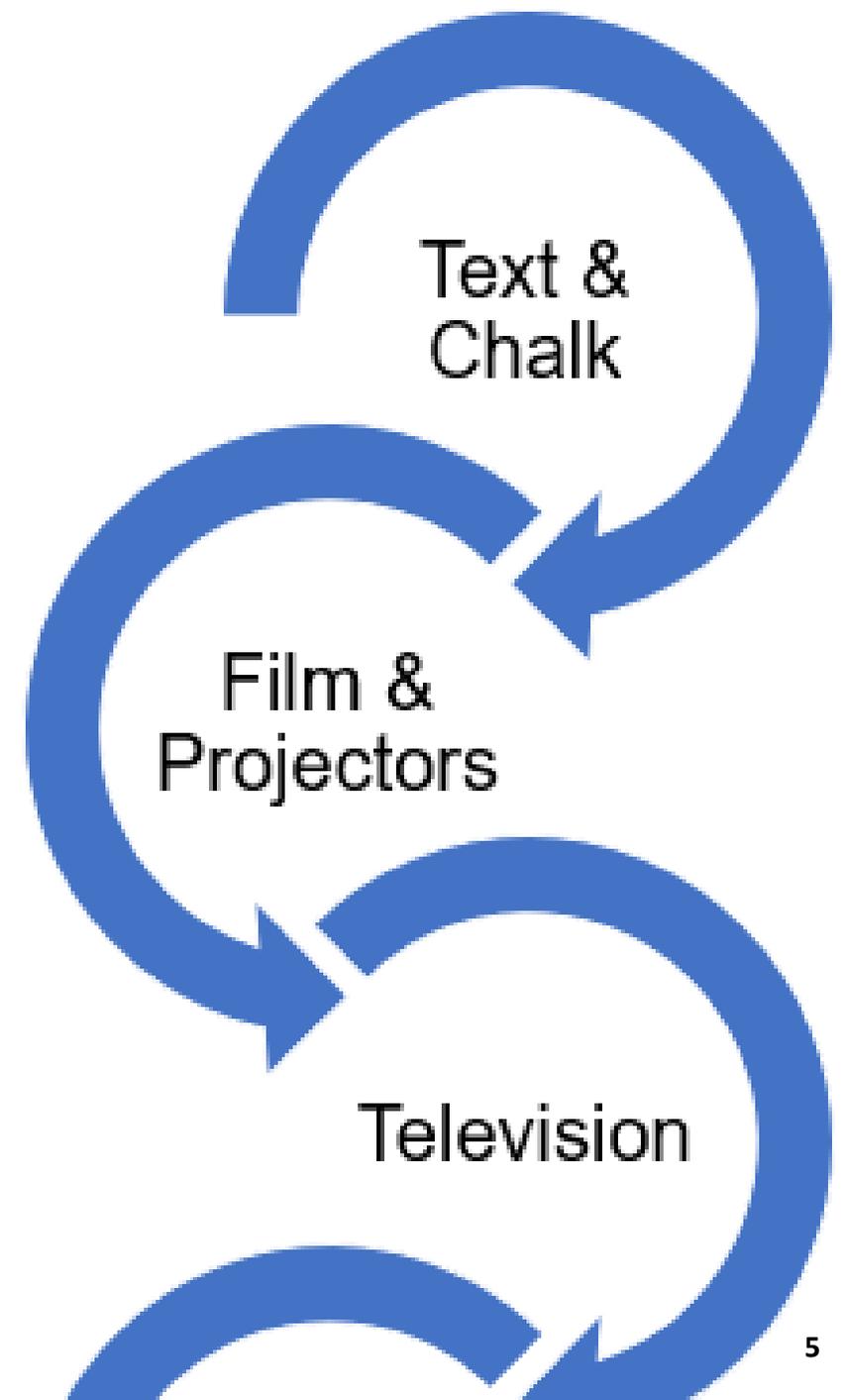


How has Technology been used in schools?

Technology has been married to education for decades, beginning with the creation of the first vacuum tube-based computer in 1946, with the help of multiple universities. Ten years later technology was playing an even bigger role, strengthened when Russia launched their satellite Sputnik into space.

Past History: 1900's to 1960's

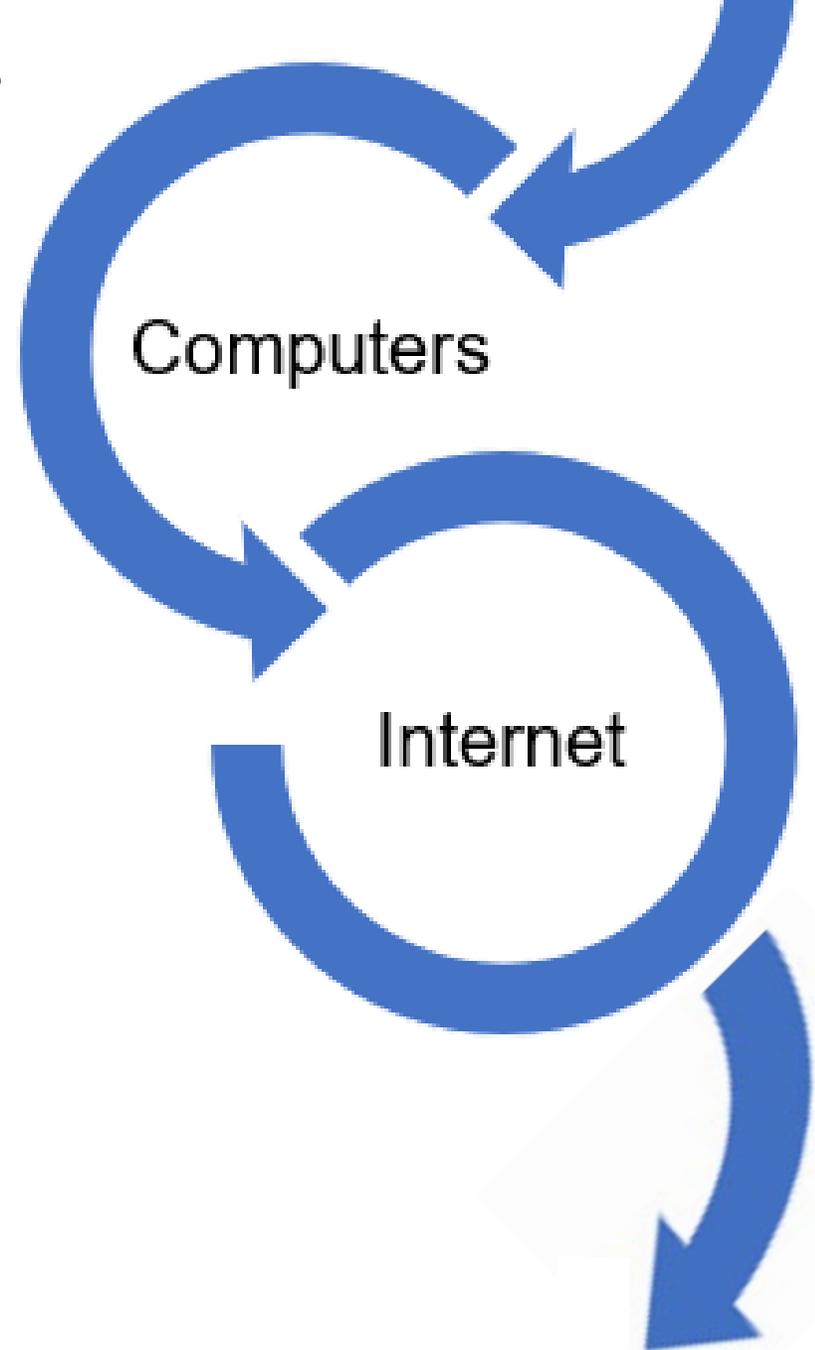
- **Text & Chalkboards.** Before the 1900s, technology did not exist in schools. Instructors taught students with textbooks and chalkboards.
- **Film & Projectors.** With the invention of film in 1910 – 1950's, the motion picture projector became one of the first technological devices used in schools and expanded its use with the advent of sound being added to motion pictures.
- **Television.** In the 1950's, the television was seen as an exciting new way to teach students – Sesame Street, Romper Room. By the end of 1960s, instruction through television and public broadcasting fizzled because the shows for the most part were usually nothing more than a teacher giving a lecture.



How has Technology been used in schools?

Current History: 1980's to 21st Century

- **Computers.** The computer has had the most technological impact on schools.
 - The computer was not used extensively in education until the 1980s, but interest in the computer in the classroom began during the 1950s with the development of CAI programs.
 - By the 1980s, microcomputers had been introduced that could fit on desktops. In 1983, 40% of elementary schools and 75% of secondary schools in the United States used computers for educational purposes.
- **Internet.** After 1995, the Internet accelerated the interest in using computers for educational purposes.
 - Education providers have adapted curriculum to incorporate Internet applications.
 - The Internet enables students to access quality educational services from the comfort of their own home on their own schedule and at their own pace.



How Technology has adapted to “no internet”?

Today’s digital world is filled with devices to increase student engagement, and to improve knowledge retention has become difficult than ever.

The question here is how can we use these modern technologies as a constructive tool in school education to make learning better than ever in remote areas where internet is not available, such as: for migrant workers?

Let’s me please introduce the **Study Buddy!**

- ✓ Study Buddy gives personalized learning anywhere, anytime, distraction-free environment.
- ✓ Study Buddy improves concentration levels and fosters understanding the complex topics in a very interesting way.
- ✓ Study Buddy provides hours of private instruction at for students to learn at their own pace, no internet required.

*“We immediately noticed an increase in GED pass rates with **Study Buddies**.”*

- Page Holmes-Ames, Transition Specialist at Florida’s GED Test Facility





How will future innovative Technology be used in schools?

Virtual Reality represents an innovative technology that will empower the next iteration of advancements in teaching.

- The technology helps students to understand the toughest of abstract topics through immersive learning.
- The technology lets students learn concepts in a distraction-free environment
- The technology further improves concentration levels and helps understanding the most difficult topics in a very interesting way.
- Since students can virtually travel anywhere, they're no longer bounded by the walls of a classroom.

The whole experience is very engaging, and it helps learners retain most of the things learned as it incorporates kinesthetic learning.

“After all, when you learn by doing, you remember things better.”

Closing Sentiments

In closing, the pace of technological change is forcing students to continue learning new skills and responsibilities. The reality of rapid change will challenge established instructional methodology and will transform schools into technological training centers.

**Thank you for Attending...
Stay Safe and Have a Great Day!**



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