

# Leverage 21st Century Learning with Virtual Reality



bridgeprep

# Transform Education Through Virtual Reality

At its core education is designed to transfer skill and knowledge to students. From a career standpoint the more proficient a student become within the domain or skill the more they will be able to command in the job market. In this globally competitive market; students, teachers and parents are always looking for an edge. The most direct edge is to quickly, easily and efficiently transfer the most critical knowledge and skills to students. In the digital era students could be on the cutting edge of learning. Sadly, most education companies do not push the envelope when it comes to leveraging all the elements of technology. The reality is this would require a thoughtful approach and investment that the companies only explore when they must. As a result, the students learning never reaches its full potential.

## Who's Taking Advantage

Other industries are taking full advantage of the benefits of virtual reality. The healthcare, aviation, telecommunications, construction businesses and automotive sectors are adopting virtual reality to gain additional insights and push learning. The advantages of virtual learning include:

- Risk-free environment
- Realistic scenarios
- Improves retention and recall
- Suitable for different learning styles
- Safe and controlled area
- Can be done remotely
- Engaging and fun

## Learning by Doing

Learning by doing is arguable the best way to learn. Unfortunately, very few students get an opportunity to do. Most student read about what has been done. With virtual reality students discover and experience for themselves firsthand. It's easy for students to tune out lectures if they believe the material does not apply to the real world.



## Higher Order Thinking

Virtual reality creates a distraction free environment, which allows for experiential learning that can create a richer level of engagement with target topics. Such an environment creates chances for the student to shift from memorizing to higher order thinking. Memorizing and understanding facts is great but engaging in higher order thinking with a subject matter can take the student to an elevated level of proficiency and mastery.

## Active over Passive

The beauty of virtual reality is a student can experience things that are not possible in real-life like walking on a distant planet. This creates the chance for a deeper connection with the concept. According to the Cone of Learning created by Edgar Dale (1969), after two weeks, the human brain tends to remember:

- 10% of what we read
- 20% of what we hear
- 30% of what we see
- 90% of what we do or simulate

# Why schools need virtual reality

1. Creating a fun and engaging environment: How many times have you heard “I’m bored” from students. Teachers work tirelessly to find a way to fully engage students. To say virtual reality would make the classroom more engaging is an understatement.
2. Embrace the future: technology has transformed every aspect of our world and to fight that is a losing battle. Organizations that embrace and run towards technology are often the leaders and have carved out a competitive advantage as a result of adopting technology. There is no ignoring that to be successful in the 21st century, organizations need to embrace technology.
3. Promotes creativity and curiosity: virtual reality puts the power directly in the hands of the student. Students can make decisions and adjustments in an alternate world without the fear of making mistakes. Curiosity prompts the student to think deeper, ask more questions and search for answers.
4. Memorable experiences: just imagine transporting a student in a setting or scenario that exactly mimics the workforce. No budget could sustain these adventures, but virtual reality can make it happen. Students would have the opportunity to have unique experiences. Learning like this sticks with the students and with higher retention welcomes in more chances of critically thinking through problems.

## BridgePrep Solution

BridgePrep is dedicated to providing 21st Century tools to the future leaders of tomorrow. Virtual reality in education is on the horizon and it will change student engagement levels. BridgePrep provides students with an immersive experience that deepens knowledge and skills. This learning method creates excitement, maintains enthusiasm, and pique the interest of students the world over. It also helps educators and schools as they work hard to support their students.



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