

# Virtual Reality's Beneficial Uses in Today's Multifaceted Society

Virtual Reality is a realistic and immersive computer simulation of a three-dimensional environment

## CLASSROOM

- Learning becomes active
- Removes distractions
- Increases learning and retention
- Learning is not confined to four walls
- Increase in mean test scores

"Virtual reality impacts more of the learner's senses and is well-suited to any type of training involving emotions like building empathy." (2)

- Scott Likens,  
Emerging Technology Leader

## ATHLETICS TRAINING

- Completely safe for the players
- Able to view a play from any angle
- Great analysis capability
- Ability to try new strategies with little risk
- Fans can be immersed in the action



## MEDICAL FIELD

- Reduces risk for patients and healthcare professionals
- Enhances opportunities for preventative medicine and patient education
- Offers better pain management
- Promotes physical rehabilitation and cognitive functioning

## SOURCES

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14%

(1)

## BUSINESS TRAINING

- Improves learning and performance
- Making the impossible, possible
- Speeding up the learning process
- Reducing costs
- Remote training and accessibility



## MILITARY

- Creates specialized military training exercises that are safer than in real life
- Able to prepare a simulation training before an operation
- Helps with decision-making and tactics in actual combat situations
- Helps in maintaining defense and engineering equipment
- Helps in manufacturing new weapons by changing the way products are designed
- Allows remote collaborating on defense projects

24%

(3)

**PAIN SCORES DROPPED**