INTEGRATING IMMERSIVE TECHNOLOGIES IN EDUCATION

A Case Study of Virtual Reality
IMMERSIVE TECHNOLOGIES

VR VIRTUAL REALITY

AR AUGMENTED REALITY

MR MIXED REALITY

VIRTUAL REALITY

AUGMENTED REALITY

MIXED REALITY

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IMMERSIVE TECHNOLOGIES
VR VIRTUAL REALITY

Becomes reality.
AUGMENTED REALITY

Enhances reality.
MIXED REALITY
Manipulates reality.

Dagri Helmet interactive virtual environment

Hololens used to analyze anatomy
Netflix implemented a virtual theater.

Marriott VRoom Service for customers to travel outside the hotel room.

Toyota used a VR simulation for distracted driving message.

Pokemon Go game using AR became a world-wide sensation.
NearPod allows teachers to purchase virtual reality field trips for students.

MyLab on HoloLens brings an interactive period table to the chemistry classroom.

Virtual Tour of the Pantheon in Rome

Virtual Tour of Egyptian tombs

A Year in Mass-Markets
MOCK-UPS IN PRACTICE

PHYSICAL MOCK-UP

VIRTUAL MOCK-UP

$50,000
PROJECT SAVINGS
Simulated faucet selection mock-up

Simulated material selection mock-up at a university project
Virtual walk-through of a classroom

Navigating a virtual mockup in a work area

DESIGN FOR COLLABORATION
Virtual photo tour used on a university construction project
Daqri Helmet tested on a construction site.

Daqri Helmet interactive environment to analyze overhead MEP installation
Real estate using virtual reality to sell high-end properties

Harvard University virtual campus tour

Virtual Tour of a classroom at the UNSW Australia Business School
Eon Experience Reality is changing the way society educates to encourage creative learning.

**Attention Level**
- Normal: 100%
- VR Enabled: 30%

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**Conor**

**Operations**
Best Practices of Implementation

INTEGRATING IMMERSIVE TECHNOLOGIES IN EDUCATION

Facilitation
Guide the user what to look for in the environment.

Navigation
Narrate the user through the virtual environment.

Immersion
Facilitate immersion process for a new user.

Cerevrum's Speech Center VR app for learning public speaking.
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THANK YOU

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