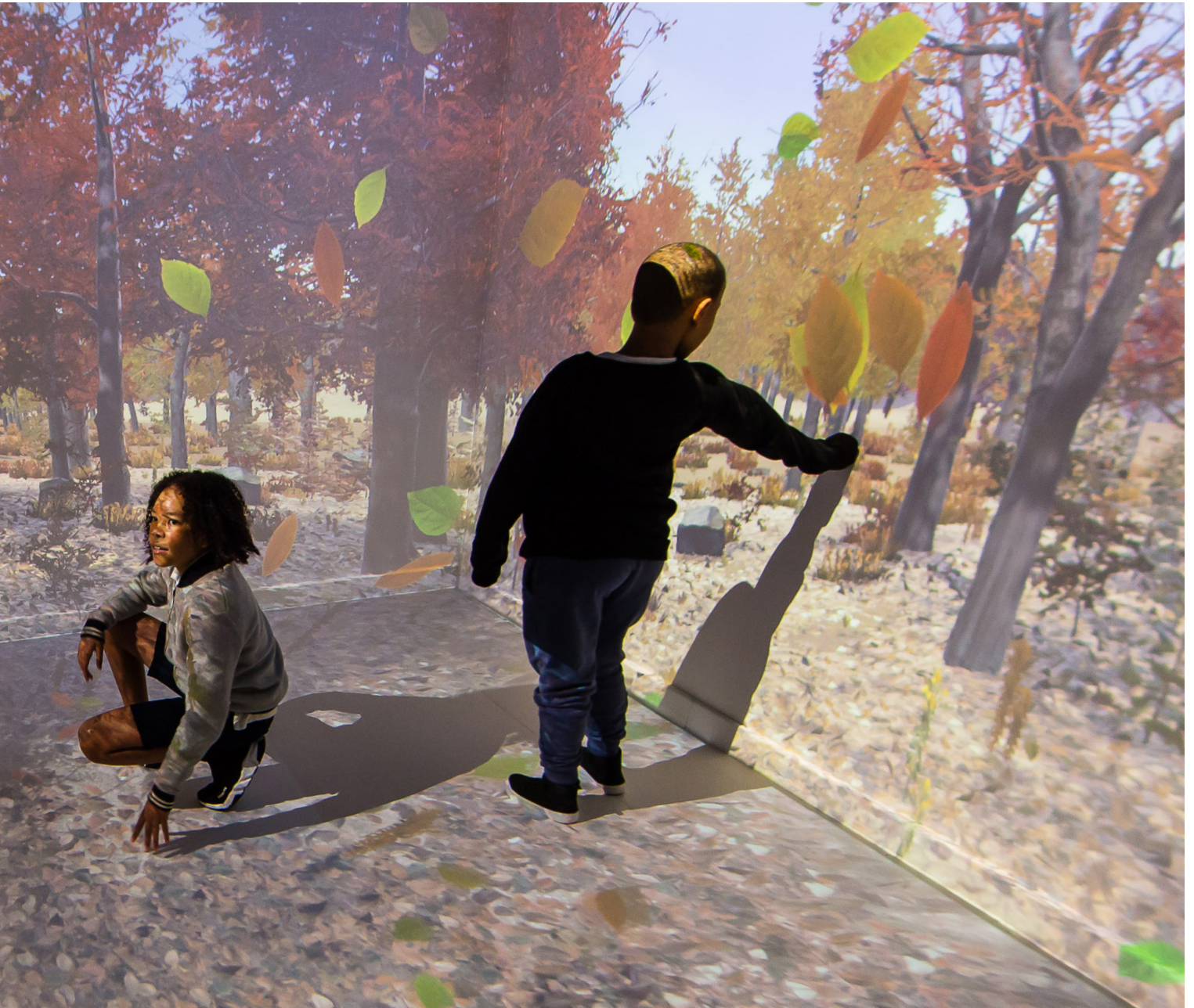


# Immersive learning experiences

Virtual Reality without the headset



immersivereality **USA**



# What is Immersive Technology?

**Bridging the gap between imagination and real life, Immersive Technology is a gateway to understanding and developing interactions between physical and digital environments.**

At Immersive Reality, we have harnessed the power of Virtual Reality (VR), without the headset. We know headsets are not appropriate for all users and we believe in accessibility for all.

We understand that immersing students in a shared, multi-dimensional space increases their motivation and results in better outcomes for everyone.

We have used our extensive experience and research to develop a shared space, where multiple people can discover together and engage with a world beyond the restrictions of the room.



VR REIMAGINED



## Collaboration

**We work directly with you to understand the needs of your users.**

The Immersive Reality platform is a groundbreaking resource created through our extensive research and development program.

We use state of the art technology, combined with comprehensive training and support, to provide a multimedia, interactive platform to engage with learners of all grades and abilities.

Our spaces use the latest Laser projection technology to provide a full 360° experience that is further enhanced with a fully integrated floor. Full hi-fi audio further enhances the ability of the platform.

We have developed a range of innovative gamification solutions that have been proven to increase student motivation and enjoyment as they learn. Including a variety of user interfaces and controllers, as we recognize the needs of all our users. This technology is developing quickly and driven by world leading companies, including Sony with its Playstation VR and Microsoft with its HoloLens.

We create fully immersive and interactive experiences, by combining stunning 360° content, in the form of pictures, HD Video and incredible Computer-Generated Images (CGI). These environments captivate all our users and really deliver our goal of being inclusive for all.



# Dynamic and Versatile

**By combining the classroom, sensory room, and therapy suite into one inclusive environment, we provide the ultimate education, special needs, and wellbeing solution for everyone, regardless of age or ability.**

We use innovative, projection technology to create a free roaming environment that is accessible to all. Students and teachers can encounter these immersive experiences together, creating unique, collaborative opportunities for group participation and social interaction.

Immersive Reality spaces allow learners to develop key skills and encourage independence. They provide opportunity and adventures to worlds they may never encounter in real life, ensuring a truly authentic learning experience.

Simulation experiences enable students to practice everyday tasks, processes, and events in a safe, guided environment, building confidence at every stage.

Anyone can thrive in an Immersive Reality space. With a wide range of highly engaging content available and the versatility to be installed in a variety of settings, including schools, libraries and colleges, our platforms are designed to attract and excite all students,

From meditation to mindfulness, it is also a space where students can go to self-regulate, calm down, and return to class with a new sense of self awareness and control.







# Flexibility

Immersive Reality is a shared, collaborative environment, adaptable to the social and emotional learning needs of all users.

1

**Special needs**

A flexible, dynamic, and immersive space accessible for all users.

2

**Education**

A new dimension to interactive learning, providing every student with the opportunity to succeed.

3

**Mental Health & Wellbeing**

Highly absorbing, the perfect enabling environment, to support therapy and emotion regulation.

4

**Versatile**

Exploration and experimentation allow learners to have positive and engaging learning experiences.

5

**Ease of use**

Intuitive one-touch tablet interface for the instructor and adapter controllers for students.



# Inspired Learning

## Immersive Reality is taking education to new heights.

Our superb spaces immerse learners in situations and scenes that help them to understand and engage with the subject or life skill being taught. From sensory integration to project-based learning, teachers can now apply gaming dynamics to capture the attention and motivate their students like never before.

Students will be actively involved in their learning, at any level, in an exciting and fun way. Be it early literacy skills and storytelling, through to STEM, college and career readiness, your students will benefit from an enhanced educational experience, whatever their grade or ability.

We understand the importance of differentiated learning and our innovative spaces provide the perfect opportunity for personalized learning, shared, and group experiences. Students have access to a wealth of high-quality content and activities, specialized to their curricular needs.



INSPIRED





## Key Life Skills

**Immersive Reality provides an inspirational space, specifically designed to motivate, and assist in the development of key skills. Ideal for those formative years.**

Our superb content is both spectacular and enjoyable and will engage students as they develop:

1

Hand to eye coordination

2

Cause and effect

3

Color recognition

4

Shape recognition

5

Group participation

6

Social interaction



# Real-life Situations

**Simulations provide a safe environment for learners to practice real-life situations. A truly authentic learning experience.**

With specialized content tailored to your students, you can be sure that their learning holds both personal and cultural relevance.

- Take the Subway and navigate tunnels, use the escalators and even the ticket machine.
- Visit the grocery store to collect items on your shopping list - don't forget to pay before you leave.
- Board a bus, show your ticket and disembark at whichever location you choose.
- Fly away on an aircraft and enjoy the take-off.
- Our list of simulations is always expanding.







VERSATILE

## Accessible for All

**Immersive Reality spaces provide an inclusive, multisensory, learning environment, that can be adapted to any program or curricular need.**

Here are just a few examples of how students can interact and be inspired as they learn.

Literacy Skills – storytelling and reading comprehension.

Role Play and Drama – collaborate and create.

Science (STEM) – inquire and investigate.

Field Trips – experience and discover.



# Exploration

**Immersive Reality is the perfect space for safe exploration. Students are in complete control of their surroundings and are free to roam in a CGI environment.**

- Visit the plains of Africa and see elephants and lions.
- Learn about the animals at the farm.
- Wander through a woodland and relax in nature.
- Explore the arctic and discover the animals that call it home.
- Relax in a calming meadow amongst butterflies.
- Enter the Viking village and discover its sights and sounds.
- Tell us where you would like your next virtual field trip or storytelling adventure to be!





# EXPERIENCE

## Experience is the Best Teacher

**An Immersive Reality Space breaks down barriers, making almost any experience possible.**

Our superb space immerses users in scenes that promote an increased comprehension and retention of the subject or skill being taught, while promoting group participation and social interaction.

- Experience the freedom of flying from a bird's eye view.
- Take a zip wire ride above the trees in Costa Rica.
- Go paragliding and glide over the sea.
- Take an exhilarating rib ride through the fjords.
- Explore the Solar System.
- More experience scenes being added all the time.



360° CONTENT



# 360° Environments

1

## CGI - Exploration Environments

Amazing computer-generated 360° worlds that can be explored by users. They are unlike any other immersive experience.

2

## CGI - Interactive Scenes

Stunning computer-generated 360° scenes that allow us to create interactive user experiences.

3

## 360° HD Video

Incredible high definition 360° video that wraps around the room, creating an extraordinary experience.

4

## 360° HD Images

Superb high definition 360° images wrap around the room, creating the feeling that you are really there.



# Continuous Content Development

**Our team of content creators continuously work hard to develop exciting new scenes for all users to enjoy.**

From CGI environments explaining the digestive system, to 360° HD videos on rollercoasters and images of key locations around the world; we have a wide range of scenes for users to enjoy. We look forward to adding to these from a long list of future projects.

If you have any specific scene requirements, we would be delighted to help you achieve your visions and goals. We are constantly evolving and listening to your specialized curricular needs.

DEVELOPMENT



# ACCESSIBLE

## Intuitive User Control

**Shared collaborative spaces that are accessible to all regardless of age or ability.**

Our system has been designed to be extremely intuitive, so users can choose either to sit in the room and engage, or fully immerse themselves in the experience and interact with the range of activities.

We believe that anyone, regardless of ability, should be able to interact within an Immersive Reality space, and we have harnessed hardware from Microsoft and sensory specialists to deliver this.

We have designed the platform to be easy to operate for both users and staff alike.

Scenes are chosen from a wireless tablet by simply pressing a button!



# Intelligent Interfaces

We have developed a range of innovative solutions to allow users to engage with the system through touch sensitive walls, full interactive floor and gesture control.

Our mission is to continually develop new and exciting ways to interact with the content.

1

Walls

Multi-touch walls that react to hands, arms or feet.

2

Floor

The full floor space reacts to movement, be it a foot or an entire body.

3

Gesture

Move your hand or arm in mid-air to control aspects of specific scenes.







## Controllers

**Our system is compatible with a variety of readily available wireless controllers:**

1

### **Xbox Wireless Controller**

Familiar to most teenagers, this device allows the user to discover huge explorable environments.

2

### **Xbox Adaptive Controller**

Specifically designed for people with special needs, this product allows anyone to access our system in their most comfortable way. Any switch can be connected to the versatile unit - blow switch, touch switch or head tilt switch, to name but a few.

3

### **IRiS Color Selector**

Another unit developed for people with additional needs and found in sensory rooms worldwide, this hard-wearing unit features eight brightly colored buttons and allows for any number of remote switches to be connected.

4

### **IRiS Qube**

Devised for people with special needs and found in sensory rooms worldwide, this soft foam cube is rotated to allow the user to choose within specific scenes.



# What do I get?

A fully immersive and interactive platform includes:

1

Content

- CGI - Explorative environments for discovery and learning.
- CGI - Interactive scenes to develop key life skills.
- 360° HD Video - Stunning videos from around the world and beyond.
- 360° HD Images - Fantastic pictures to inspire and calm.

2

Software

- Customized software - Designed and developed by a dedicated in-house team.
- Intuitive User Control - Fully accessible for all users through innovative interfaces.
- User Interface - Simple and easy to use.

3

Hardware

- Laser Projectors - Low maintenance, HD projection.
- Full Audio - Fantastic stereo sound to support projection.
- Special Effects - Visual, Auditory, Olfactory, Vibration.

4

Personalized

Let our specialist team create specific content for you. You suggest the scenes and we will make them reality. Whether you wish to explore your local environment or have a particular picture in mind, we will develop and produce your tailored content. All the benefits of personalized content, created for you.



GAMIFICATION





Next Steps

# Next Steps

**Never before has something so technically complex and inspirational been so easy to use.**

## Specify

Our experts can provide advice on room location and size, and specify the right package and equipment for you.

## Space

An Immersive Reality space will fit into almost any room. We can provide a 3D walkthrough for tailored packages, so you can envisage your space prior to ordering.

## Installation

Trained installation providers, will ensure your Immersive Reality space is completed to meet with your specific requirements.

## Training

An Immersive Reality space is incredibly easy to use. Our team will train your staff to use the system confidently.

## Ongoing Support

Once your room is installed, we will continue to support you to ensure that you get the very best from your investment.

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