Leap into the future

with truly immersive learning

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Pioneering the future of education

A Leap into Innovative Learning

Our vision is to create a world where knowledge is accessible, learning is transformative, and education is affordable. To harness the power of digital innovation and allow learners to step into a new dimension of education.

How?

By creating immersive experiences that **inform, educate, and empower.**

Why Immersive Learning?

100%
of teachers felt that students paid more attention

92%
of students were more engaged compared to 46% in standard lessons

70%
of teachers saw improved classroom interaction and communication

2x
rate of improvement in learning from pre to post testing

*Research conducted by Professor Dr. Anne Bamford, Director of the International Research Agency.

What we do

We elevate learning by creating interactive classrooms with the help of **immersive technology.**

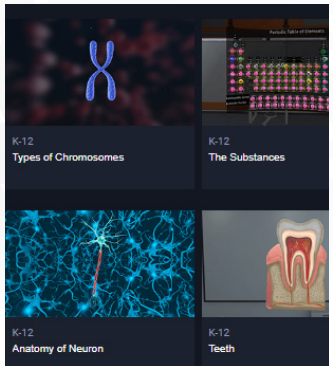
The world of constant distractions and lower engagement levels among students demands a new approach to education - **complete immersion**. We are committed to arming learners with the essential skills and knowledge required for success in the modern world, where education is not just a journey but a transformative experience.

1,000+
Immersive lessons

350,000+
360/3D assets

200+
hours of learning content

10+
regional languages



20+
regional curricula

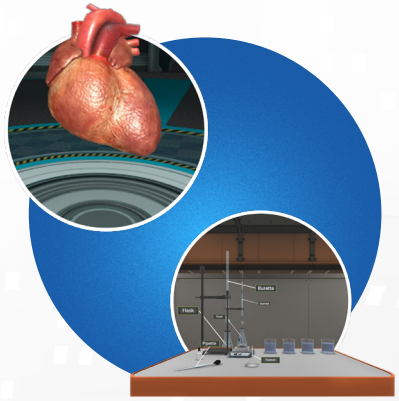
Ushering in a New Era

At Umety, we're laser-focused on a single mission: igniting a learning evolution through the magic of VR.

We make this goal a reality with a carefully crafted

three-way approach – the architecture of our immersive learning success.

Hardware



Content

Platform

Redefining education

with the world's first immersive learning ecosystem

Elevate classroom experiences

Umety seamlessly integrates virtual reality, augmented reality, and interactive simulations, creating an unparalleled learning environment in the classroom. Bring education to life with the world's largest library of 3D content and immersive lessons, now accessible on multi-devices. Cross-device compatibility promotes an inclusive and adaptable learning environment, empowering both teachers and students to make the most of their educational experiences and cultivate a lifelong love of learning.

Personalized home learning

Umety pioneers personalized home learning by extending its immersive platform beyond the classroom. Now, students can delve into subjects from the comfort of home, accessing a wealth of resources tailored to their individual needs. By bridging the gap between school and home, Umety is making immersive education accessible from anywhere, anytime.

Immersive learning ecosystem

Elevate classroom experiences with a massive 3D asset library

Bring K-12 education to life with AR/VR content

Empower teachers with engaging tools to captivate students

Deepen retention with 3D simulations

Strengthen concepts with personalized learning experiences

Bridge the gap between school and home learning

Transforming education with cross-platform delivery

Our immersive educational content is compatible with various platforms, empowering users to experience virtual worlds regardless of their device or location

VR Devices

Tablets

Truly 3D immersive lessons

Interactive AR/VR educational content

Access from anywhere, anytime

Content accessible on multi-devices

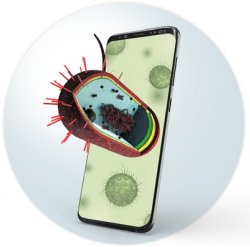
Pre-built K-12 immersive library

Efficient offline usage

Elevated smartclass

Enhanced classroom management

Interactive Flat Panels



Mobiles

Laptops

Discover the endless possibilities of immersive experiences

Cross-platform compatibility

Experience immersive content across various devices, including VR headsets, desktops, mobile phones, and web browsers.

Flexible content delivery

Easily distribute immersive content across platforms, maximizing reach and engagement.

Future-proof technology

Stay ahead of the curve with Umety's innovative education solution, built to adapt to evolving technology trends and user preferences.

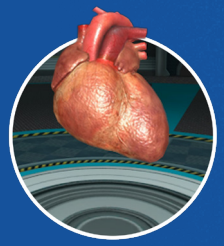
umety

CONNECT, EXPERIENCE, LEARN

THE WORLD'S LARGEST VR CONTENT LIBRARY:

Engaging VR Experiences for Every Subject!

Don't think of VR as a classroom add-on. Our library elevates existing curriculums, offering experiences tailor-made to complement lesson plans. Delve into any subject with confidence, knowing that each VR journey seamlessly bridges the gap between textbook and reality, enriching both teaching and learning.



STEM Lessons

3D Interactives

360 Places

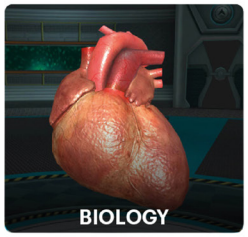
Virtual Tours

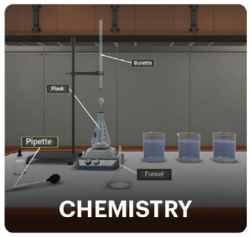
English Language Learning (ELL)

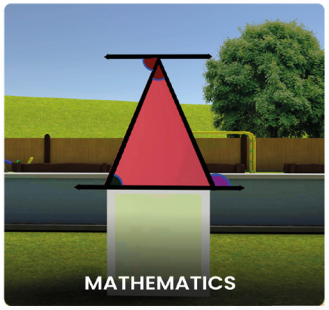
Career Exploration

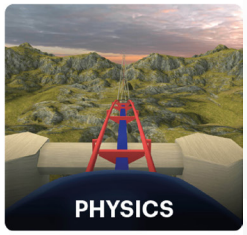
VR Content Creation Tool

Umety's immersive lessons **FOR STEM**









Umety offers immersive and interactive content to empower educators and enhance the STEM learning experience for students. Our comprehensive library of standards-aligned lessons covers a wide range of grades and subjects, focusing on **complex concepts in the curriculum.**

500+ fully interactive **and immersive lessons**

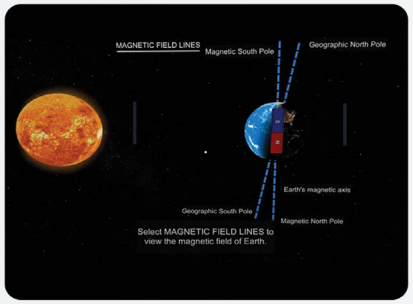
Umety's immersive STEM lessons help students **learn by doing**, allowing them to experience extraordinary environments, like venturing into the human body, that would otherwise be inaccessible. These self-paced lessons provide an engaging and informative way to learn, free from judgment and distractions.

How each lesson is planned

The lessons are 10–15 minutes in length and include learning objectives, interactive simulations or lab experiences, and formative assessment

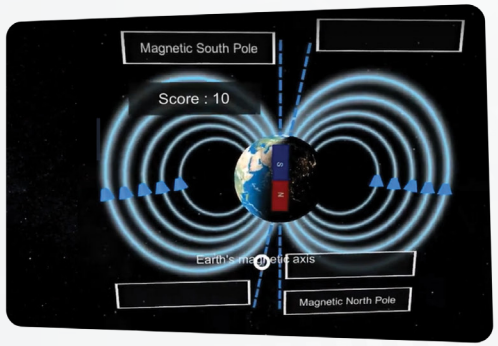
Learning objectives

that are clearly defined



An interactive learning

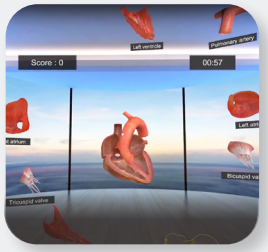
experience focussing on the core concept

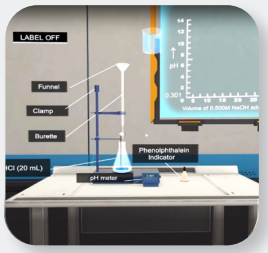


Formative assessment

inside the virtual environment

Simplifying complex concepts **through VR**



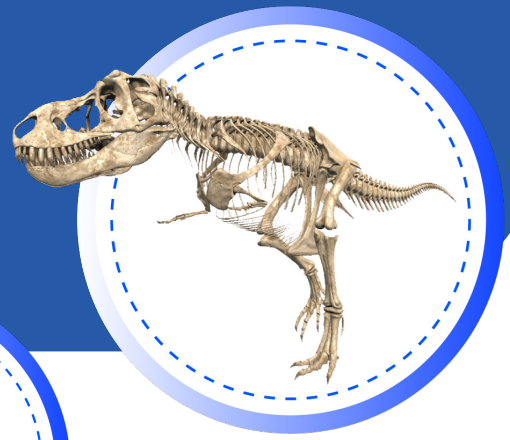


A holistic solution for STEM education

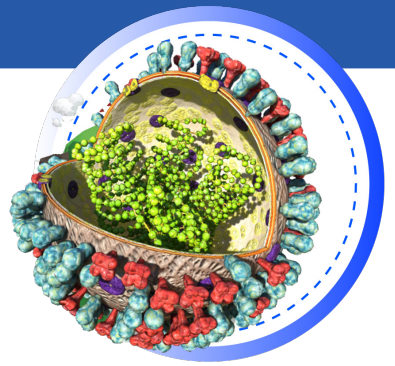
- Aligned with 20+ standards and curricula
- Available in 10+ regional languages
- Curated by educators
- Active learning, better outcomes
- Formative assessment in every lesson
- Robust data analytics
- Learn online and offline
- Easy-to-use for teachers and students
- Easy to integrate into existing teaching environments

Discover infinite learning pathways with **3D INTERACTIVES**

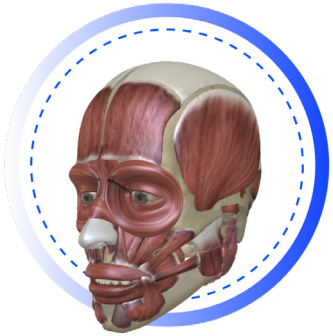
Unlock a wealth of educational resources with our immersive K-12 library comprising 3D interactive models catering to every age group, from elementary to high school. By bridging the gap between theoretical concepts and practical understanding, our innovative approach makes learning enjoyable and captivating, paving the way for a more interactive and effective educational experience.



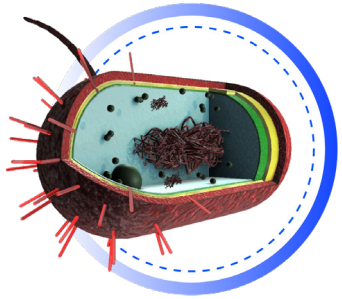
Anatomy of a Tyrannosaurus



Influenza virus



Human Salivary Glands



Bacteria

1500+ fully immersive 3D models

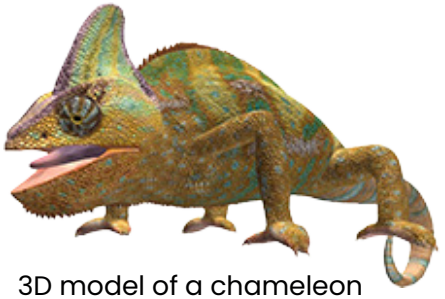
Comprising 1500+ meticulously crafted and fully immersive 3D models, our vast library enables students to comprehend spatial relationships, delve into complex structures, and enhance their conceptual understanding and retention. These models allow teachers to create and deliver immersive lessons across various technology platforms, catering to students of all ages and covering virtually any subject imaginable. Umety's K-12 3D library offers limitless potential for learning and countless opportunities for exploration.

Explore limitless learning with our K-12 library

Umety's 3D Interactives offer immersive learning experiences across subjects like science, math, social sciences, and more. These dynamic models engage students by allowing them to explore intricacies, dissect components, highlight features, and magnify details, transforming learning into an engaging adventure. Empowering educators to enhance classroom experiences, our immersive library enables students to deepen their understanding of concepts, fostering both mastery and enjoyment.

Dissect

Highlight



3D model of a chameleon

Magnify

Rotate 360°

Incorporating 3D Interactives into classrooms

Enhance student engagement and understanding by integrating dynamic 3D content into teaching:

- **Compare and contrast:** Use similar models to help students identify and discuss similarities and differences.
- **Explore intricate structures:** Zoom in on models for deeper conceptual understanding.
- **Bring geometry to life:** Enable students to explore shapes and figures from all angles.
- **Immerse in geography**: Get a deeper understanding of topics like the water cycle by observing them up close.
- **Art:** Let students choose models to aid in sketching, molding, and painting.
- **History:** Examine artifacts from different eras to complement readings and discussions, making historical concepts more tangible.
- **Activate prior knowledge:** Utilize models to build background knowledge before starting a new unit.

Discover the magic of famous landmarks around the world with **UMETY'S INTERACTIVE TOURS**

No passport required!
Explore the globe from your classroom with Umety's Interactive Tours. With over 20 destinations, our immersive experiences forge emotional connections to iconic landmarks, fostering cultural understanding. Created by educators, Umety's 360-degree VR modules provide lifelike experiences, empowering students to navigate at their own pace. Ignite curiosity and enhance learning with our enriching virtual tours.

Comprehensive tours of iconic global landmarks

with engineering, architectural, and cultural significance

Embark on virtual voyages across the globe with **UMETY'S 360 PLACES**

360 Places offers a rich library of 360° panoramic views, immersive scenes, and virtual environments designed to enrich the learning journey. They are explorable scenes with immersive experiences, serving as a valuable tool for virtual tours, historical studies, and cultural exploration. From ancient ruins to modern cities, 360 Places provides a dynamic platform to delve into the depths of history and culture, delivering context specific knowledge and promoting a more immersive learning experience.

Taj Mahal

Museum of the Future

300,000+
360° Images

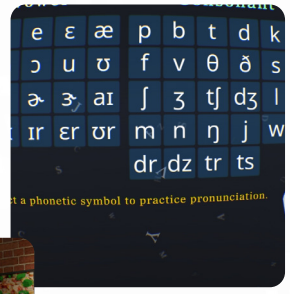
9,000+
360° Videos

Empowering educators, **inspiring learners**

With over 300,000+ 360° images and scenes, and 9,000 360° videos at their fingertips, 360 Places enables teachers to effortlessly assemble engaging lessons tailored to their curriculum and student needs. Whether guiding students through immersive experiences or allowing independent exploration, our immersive platform provides educators with tools to create dynamic learning environments that captivate and inspire.

UMETY'S ELL SERIES
Bringing language to life

Immerse students in **realistic environments** and allow them to interact with virtual scenarios to accelerate their English language proficiency. VR can expose learners to real-world situations that instructors find challenging to replicate, **fostering confidence in a non-judgmental, distraction-free environment.** As a result, confident and motivated learners have higher chances of achieving success in language acquisition.



Features

- A truly personal experience
- Immediate access to a variety of scenes and settings
- Voice recognition allows for vocalization and speech practice
- Learner agency and a sense of presence
- Instant feedback on pronunciation and speech
- Virtual scenarios that allow confidence-building
- 4 levels, from Foundational to Advanced
- Judgment-free learning

Enhancing English speaking abilities
in a judgment-free environment

Umety's ELL series provides a virtual environment, free from judgment, where students can build their confidence through real-world scenarios. There are 104 lessons, from phoneme to keyword to sentence activation. Quizzes and feedback enhance the learning experience. **Designed by professional language teachers,** the ELL series offers lessons from fundamental to advanced. At a fundamental level, the dialogue is shorter, the words are less taxing, and the cognitive load is lessened.

Key elements

- 104 conversations (approximately 10,000 words)
- 110 short sentences
- 48 pronunciation items
- 1000 words as keywords and phrases
- 400 vocabulary terms
- Quiz feature (assessment)
- Large variety of voices, characters, and ages

Prepare for the Future with

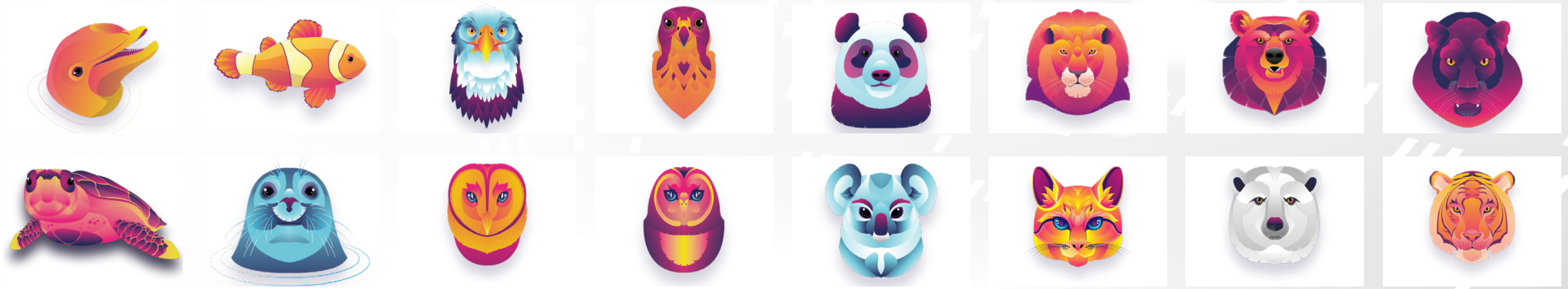
UMETY'S CAREER EXPLORATION APP

Personality Quiz + Career Exploration Videos

The immersive personality quiz to identify key personality strengths

A quick quiz which identifies the key personality strengths that guide us through career options and decisions. Developed by best-selling author and international training consultant, David Hodgson, the personality quiz is accessible, engaging, and popular. Identifying your personality animal builds self awareness, confidence, and motivation. As a career app, it becomes even more powerful because users can control their own journey, exploring careers, degrees, and learning styles in a uniquely personalized way.

A gamified approach with personality animals



100+ Immersive
Career Exploration Videos

How do career videos benefit learners?

Live future careers
Develop understanding of various professions.

Real-world experiences
Gain access to real-life job environments.

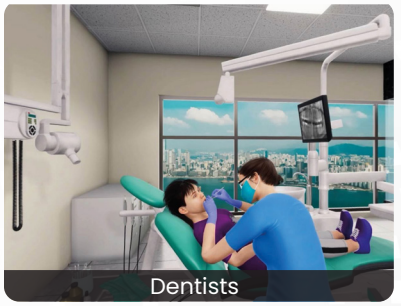
Curated video library
360 degree immersive videos on different professions.

Flexible and convenient
Explore careers at your convenience.

Inspire and motivate
Ignite passion and motivate students to pursue their dreams.

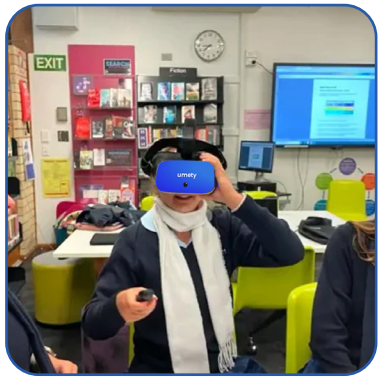
Immerse into the **jobs of tomorrow**

Career discovery becomes so much more meaningful and real with detailed 360 degree career videos offering a virtual tour of workplaces and jobs like never before.

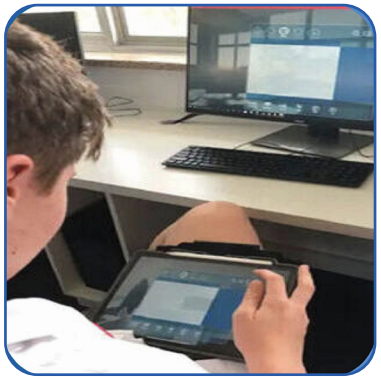


Unleash Creativity with UmakeVR, **Umety's VR Content Creation Tool**

Teachers and students become content creators



Collaborate to solve problems



Apply critical and design thinkng skills

Produce engaging VR presentations

It’s as easy as 1, 2, 3!

01 Use existing 360⁰ images and videos or capture your own

- Import content easily from any source including your own 360° camera

02 Build your project on any PC

- Add navigation hotspots, interactive 3D models, labels, audio, slideshows, PDFs, quizzes, and more!

03 View, edit, and share on your UmetyVR headsets

- Share projects online or offline
- Collaborative experience on a guided presentation

All VR projects can be transferred directly to a **umetyVR headset** for immediate sharing and viewing in **virtual reality**

MANAGE,
MONITOR,
ANALYZE

umety

VR CLASSROOM MANAGEMENT PLATFORM:

Immerse, Analyze, and Customize

Our unique content management and distribution platform redefines classrooms, with effortless distribution, offline personalized learning, and engagement tracking. Pick from a curated VR library or design your own VR content through UmakeVR.

- VR device management
- Content management
- Classroom management
- Personalized learner profiles
- Robust data analytics
- Subscription management

Cloud sync to setup school account in minutes

Pre-loaded

For Administrators

Schools of the Future Use Umety's VR Platforms

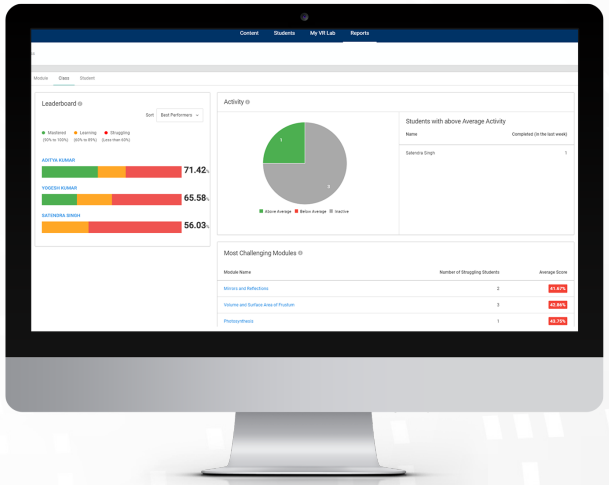
Our scalable architecture adapts to your school's growing needs, with flexible content options and future-ready technology. Invest in an evolving platform that empowers educators and engages students for enduring impact.

- LMS Integration
- Data Compliance
- Set Up Personalized User Profiles
- Tailored User-Roles and Permissions
- Manage Subscriptions Efficiently

For Teachers

Empowering Educators With Data-Driven Insights

Our tailored reports, crafted with teachers in mind, light the spark for personalized lessons. Real-time feedback not only celebrates progress but empowers educators with immediate insights to cultivate potential in every virtual moment.



- Track Student Progress
- Create Your Own VR Content
- Roster Classes with Ease
- Concurrent Modules
- Control Learning Experience

Less work for teachers = more time to **support learning**

For Students

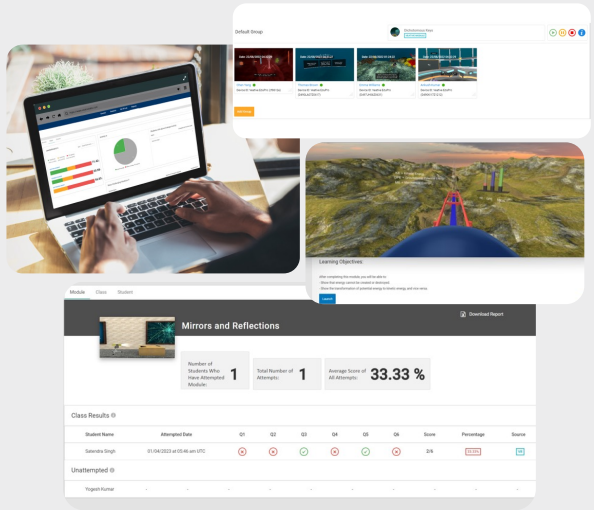
Level Up Learning with Targeted Feedback

Umety's VR Platform constantly analyzes every student's performance, providing valuable insights for growth. Forget generic feedback – get targeted tips, personalized reports, and supportive guidance to unlock their full potential, leveling up every step of the way.

- Interactive Learning
- Visual Understanding
- Higher Motivation and Engagement

User-friendly content management software for ease of adoption

- **Create customizable** and effective lesson plans for students
- **Multicast content on** student VR devices
- **Monitor student VR experiences** and get insights into their learning progression
- **Easily integrate** with LMS



HARDWARE:

Get a Headstart on the Education of the Future

A first-of-its-kind VR device specifically designed for interactive education. Our revolutionary headset is built for a variety of teaching environments, prioritizing comfort and clarity. Lightweight and adjustable, students can slip on the device and dive deep into learning without distractions.

With high-resolution visuals and spatial audio opening up a new dimension, you can bring every subject to life right before your eyes!

A Device with Pre-loaded Educational VR Modules

We offer a first-of-its-kind VR device specifically designed for education, accessible in both offline and online mode.

umetyVR

umetyXR with Cam

- Operating system designed for educational use
- Pre-loaded content
- Efficient offline usage
- Massive storage to add more VR content
- Built-in device management
- XR chipset
- 128 GB Storage
- 6 GB RAM
- Built-in 13 MP front camera
- Integrated touchpad with controller

You can go anywhere with **Umety VR's durable controller**, one that sparks curiosity and unlocks limitless educational journeys - from virtual frog dissections to traversing historical landmarks.

- Intuitive motion controls
- Wireless design
- Scalable for classrooms of all sizes

Envision a New Classroom Environment with 3DoF Technology

3-DoF

Tracks the orientation of the user's head, meaning the user will be immersed in a virtual environment while remaining in one place.

Prioritizing impact over extravagance, our dedicated **3-DoF device** strikes the perfect balance of cost, safety, and practicality. You can choose to skip the complexities of 6-DoF headsets, while democratizing immersive education across devices and diverse platforms. It's not just a headset – it's your key to accessible and impactful learning.

Our VR Storage Offerings

Whether you're looking for ample storage or on-the-go convenience, we have the perfect fit for your needs. Our storage carts and cases are highly portable with wheels to enable headsets to be transported between classrooms or to any other location in the school.

Portable Storage Carts

- Lockable carts to safely hold 30 headsets and controllers
- Multiple charging points for headsets ensure fast and smooth charging

Compact Portable Cases

- Cases hold 8 headsets and controllers
- Multiple charging points for headsets ensure fast and smooth charging

CHARGING

STORAGE

PORTABLE

SECURED

Our Global Impact Stories: Education Without Borders

“VR makes the learning experience more interesting and concepts easy to understand.”

Student in South Africa

“VR can help kids learn by themselves, one-on-one, without any interruptions.”

Student in Florida

India - Paving New Paths for Education

“Sabko Shiksha, Achchi Shiksha” initiative in Nagaland

The Project: VR labs were set up in Nagaland, a remote Indian state where physical hurdles and connectivity threaten educational access. Through the ‘Sabko Shiksha, Achchi Shiksha’ initiative, students could access engaging and interactive lessons, broadening their scope for learning.

The Impact: Virtual reality bridged the gap with the setting up of 42 VR labs in Nagaland

USA - Nationwide VR Education

From Mariposa to Miami

The Project: Spanning from Mariposa County, California, to Miami, Florida, VR technology is revolutionizing classrooms. Students across the US are embracing new, creative learning methods through immersive VR experiences.

The Impact: In California, a student gained a deeper understanding of Newton’s Laws of Motion through interactive VR simulations. Meanwhile, in Miami, a 6th grader highlighted how VR enables personalized, self-paced learning, free from external distractions.

South Africa - Technology Opens New Learning Frontiers

WCED’s Innovative Education Initiative

The Project: The Western Cape Education Department (WCED) introduced an immersive learning experience in pilot schools. This initiative equipped students with VR headsets and integrated advanced VR technology into everyday education, enabling a more engaging and interactive learning environment.

The Impact : The adoption of advanced VR technology in Western Cape schools marked a significant shift in educational methodologies. The initiative proved to be a success, bringing together key concepts with unique visuals. For e.g. students learned about kinetic, gravitational, and mechanical energy through a virtual roller coaster ride.

Why Umety?

Cross-platform delivery

Online & offline

Analytics and reports

Easy to set up & manage

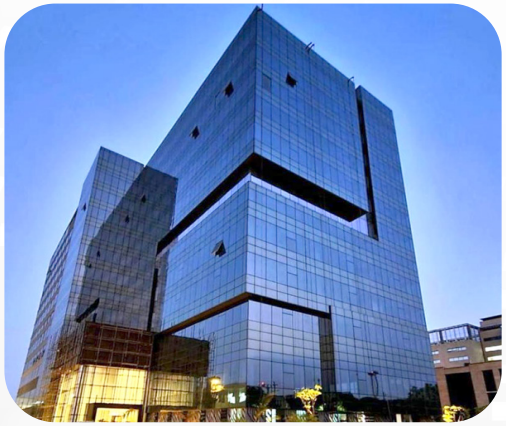
Localized to regional languages

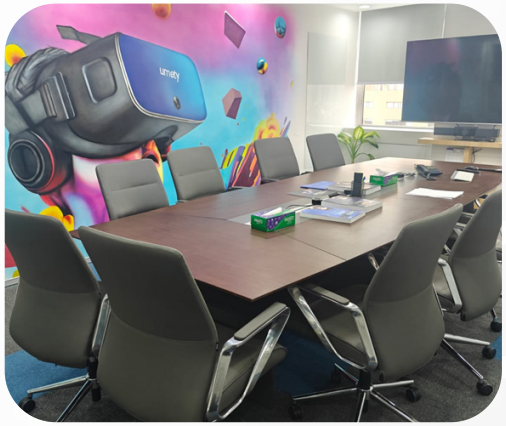
Interactive VR Lessons

Content management system

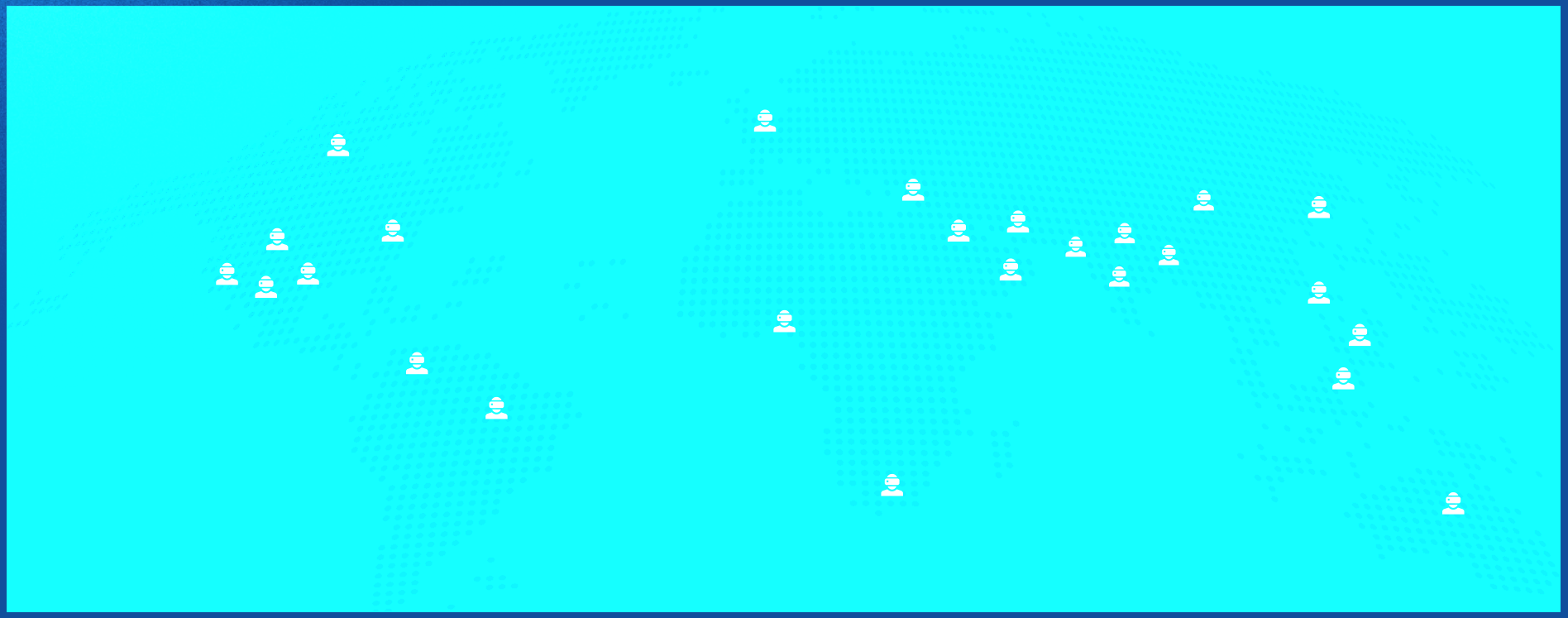
Step into Umety's workspace

A dynamic hub designed to inspire collaboration, creativity, and a culture of continuous learning





Umety on the Map - Transforming Schools Across the Globe



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