

Immersive solutions in K-12 Education



Lenovo



Virtual reality is transforming how K-12 students learn.

Using virtual reality (VR), along with other extended reality (XR) technologies such as augmented reality (AR) and mixed reality (MR), students can safely create, boldly explore, and confidently master lessons—improving learning outcomes.



Trying the future on for size

Immersive VR career exploration and learning tools like Transfr enable students to see what's possible and where they belong.

Creating **classrooms of the future**, VR is seamlessly integrating digital and physical learning experiences.



Expand the Classroom.

Create accessible learning & collaborate with students from all over the world.



Deepen understanding.

Bring complex ideas to life in a safe space to fail and grow.



Get closer to the real thing.

Learn, create, and explore through immersive experiences.

By the numbers

VR tools advance student education at every level, elevating skills, improving retention, and boosting confidence to optimize learning outcomes.

70%

of learners prefer interactive experiences that allow them to engage with content dynamically.¹

68%

improved learning though VR vs. web resources³

88%

of students report feeling more engaged in classes that use VR technology.²

83%

of educators agree augmented reality (AR) fosters a more dynamic learning environment.¹

70%

longer retention of information for learners engaging with immersive experiences compared to traditional methods.¹

81%

of students say that VR makes learning more fun and interesting.²

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The partnership that's transforming VR in education

 Meta



Lenovo

Connecting people

Pioneering global communication for over two decades, engaging 3.8 billion people monthly through innovative digital tools that transform how the world connects.

Supporting success

Lenovo complements this vision by delivering secure, scalable, and manageable solutions that bring Meta's devices to life in K-12 education environments.

Meta Quest

Infuse your classroom environment with fully immersive blended content and VR experiences. Discover which Meta Quest headset is your best fit.

Meta Quest 3



Display

- 2,064 x 2,208 pixels per eye
- 4K+ Infinite Display with 25 ppd
- Pancake lens
- Color Passthrough (High Res)

Power

- Snapdragon XR2 Gen 2
- 8GB RAM
- 512GB

Tracking

- Hand tracking

Meta Quest 3S



Display

- 1832 x 1920 per eye
- 20 ppd
- Fresnel lens
- Color Passthrough (High Res)

Power

- Snapdragon XR2 Gen 2
- 8GB RAM
- 128GB/ 256GB

Tracking

- Hand tracking

Lenovo

Lenovo Integrated Solution Support (LISS)

Dive into education VR with confidence.

Lenovo Integrated Solution Support (LISS) delivers end-to-end hardware and software support from a name you can trust. Bringing our strengths of innovation, privacy, and security, we're thrilled to partner with Meta to amplify the use of VR for education.



Dedicated call-in number

for fast response to questions or concerns



Trained call center agents

familiar with AR/VR solutions, specifically Meta Horizon managed solutions hardware and software



Single point-of-contact

to manage all verified warranty claims and service issues



End-to-end case management

from simple troubleshooting to advanced support



:60

Response time by a Lenovo customer service rep to answer a phone call for support—eTickets are replied to within 60 minutes.¹



Mobile Device Management (MDM) Solutions

With every Meta device purchase in the commercial bundle, Meta Horizon managed services is included as the built-in MDM service for securely managing users, devices, and experiences including Shared mode for multi-user environments. When enrolled in Meta Horizon managed services, you may enable management of your Meta Quest devices with supported third-party MDM providers such as ArborXR and ManageXR.



- Configure from anywhere.
- Real-time classroom management & control.
- Keep the focus on learning with content & access control.
- Customize the student experience.



- Headset deployment via Wi-Fi, no dev mode or USB required.
- Remote view + location tracking to manage classroom chaos.
- Distraction-free learning with disable buttons & restrict settings.
- Privacy-first platform for schools—compliant and secure.

VR education ISVs are breaking down barriers & opening up new worlds of learning.

The top ISVs in education provide experiences and content that are elevating learning at every academic level. From STEM-focused curriculum that allows for in-lab experimentation to global fieldtrips through history to Career Exploration Training (CET), students step outside the classroom box to immerse themselves in real-time virtual and mixed reality.

Plus, advanced AI capabilities enable the creation of roleplay scenarios, allowing students to interact with AI characters or to generate immersive environments to deepen lesson engagement.



Create and connect with abstract concepts through 3D visualizations that transform intangible ideas into tangible experiences.



Accelerate learning and practice skills with immersive simulations that can provide hands-on experiences in secure environments.



Explore together by bringing historical events and places to life, and taking virtual field trips to otherwise unreachable destinations.





Fostering upward mobility for all.

Transfr delivers immersive, multi-modal career exploration and training through interactive assessments, VR simulations, and intuitive planning tools—making pathways to careers more accessible and engaging for learners.

Transfr is empowering students to forge their unique path forward, becoming future-ready in industries like healthcare, manufacturing, and diesel technology. And all VR training simulations are developed with subject matter industry experts and mapped to national standards, like OSHA, NCCER, and ASE.

Complement your K-12 Career Education program

- Career curriculum
- After-school programming
- CTE programs
- Career fairs
- Summer programs
- Dual enrollment



Learn about careers & pathways

130+

career options in 16 career clusters

Explore high-demand careers

50+

jobs to explore in virtual reality

Develop Future-ready skills

330+

training simulations in high-growth industries



Empowering educators to improve students' aptitude & attitude.

VictoryXR brings learning to virtual life, with cost-saving simulators to teach real-world experiments in Biology and Chemistry and interactive experiences in History, Literature, and Math. Personalize learning with customized virtual spaces with thousands of 3D objects, 360° videos, and powerful AI avatar lessons.

- 60+ synchronous virtual learning spaces
- 3000+ 3D objects
- 150 360° global fieldtrips
- Malleable Creator Spaces
- Teacher Tools: Metrics, Lessons, etc.
- AI avatars & DIY AI tutors
- K-12, Higher Ed & Homeschool



Mixed Reality Labs

Explore lifelike Chemistry and Cadaver Labs in 3D, while large creator spaces let students walk naturally through real-world rooms turned into interactive digital environments—no teleporting needed.

VXRLabs

The most comprehensive education product in the virtual reality market, chosen by Meta as a best-in-class product.

The VictoryXR License

Combining VR, AI, 2D, and 3D web-based content, a VictoryXR educational license provides an all-access pass under one subscription.



Unlock the power of immersive learning and bring engaging, future-ready education to your classrooms with Optima.

The world's largest library of immersive educational content, Optima helps schools transform traditional instruction into high-impact immersive learning through ready-to-use virtual field trips, interactive AI instructors, and an expansive educational VR asset library. Whether you want to build your own lessons or launch pre-made ones immediately, Optima provides your team with the tools, content, and flexibility to do both.

Includes Optima demo pack for intense STEM content, plus 250+ locations, 2,000+ Immersive Effects (IFX), and over 40 pre-recorded VR field trips.

Powered by
 ENGAGE

What's included

- ENGAGE
- Optima
- AI Character Creator
- School AI
- Biolab
- Titanic VR
- Apollo 11 HD
- Titans of Space Plus
- Shuttle Commander



Networked classroom environments

Host up to 70 students in a single virtual room

Media sharing

Stream 360-degree videos, 2D, and 3D content, music, and even share your desktop

3D models

Access an extensive library of 3D models or upload your own creations for limitless possibilities

AI Capabilities

Create custom AI characters that can interact verbally with students or be used to generate immersive images and environments

Content creation tools

Design novel and creative immersive experiences tailored to your curriculum

Multiplatform support:

Access on all major VR devices, as well as phones, tablets, and laptops for cross-platform compatibility that makes it easy for schools to implement and scale





Empower students with effective communication skills with AI-powered training.

Equip students with competence and confidence for public speaking, active listening, and job interview preparation. An immersive XR “guidance counselor,” VirtualSpeech gives students the tools they need to navigate their next steps toward a successful life.



Propel personnel growth in public speaking, leadership, difficult conversations, and more.



Roleplay with AI Avatars to practice communication with adaptive, personalized scenarios.



Use one of 50 off-the-shelf scenarios or customize your own roleplay scenarios—no coding required.



Get data-driven insights to monitor improvement and completion.



Key features of Education plan

- Access to full content library
- All VR, AR, AI-enhanced & online practice exercises
- Roleplay with AI avatars
- Personal AI career coach
- ROI tracking with analytics & reporting
- No-code roleplay authoring tool
- AI integration with organization’s knowledge base
- Dedicated customer success manager & onboarding



A complete VR solution to elevate learning

Lenovo + Meta + world-class partners creates a formula for success.

Lenovo Solutions for Education



Largest Global
provider of PCs
in education



20 yrs EDU
experience



Lenovo Integrated
Solution Support
(LISS)

+



Meta Quest 3s 128GB
Meta Quest 3s 256GB
Meta Quest 3 512GB

+

Meta Horizon
managed services

Leverage MDM
partners



+

Cutting-edge
content creators
in the education
space



=



Lenovo
leadership

Quest
hardware

Management
software

VR education
partners

Accelerated
success