

VR-training RCH

Beste collega's,

Hierbij een overzicht van wat reeds mogelijk is in de VR.

Heb je interesse in één of ander programma voor in je lessen, vraag gerust.

De gratis programma's zijn gewoon te downloaden natuurlijk.

We hebben reeds:

- | | |
|---|---|
| 4. Multiverse | 50. Transformer Oil Sampling VR Training |
| 12. 3D Organon | 51. Occupational Safety and Health for Electricians |
| 14. Wander | 52. Feeder Protection Relay Training |
| 35. Mondly: Practice Languages in VR | |
| 48. High Voltage Electrical Substation Training | |
| 49. Fire Extinguisher Simulator | |



Natural Sciences

Chemistry



1. Futuclass Chemistry

Learn Basic Chemistry through engaging gamified experiences in VR, covering topics such as: Atom Structure, Oxygen, Hydrogen, Salts, Acids & Bases, Reaction Balancing, Moles and Molarity. Co-created with educational experts, the learning value of each VR lesson has been scientifically proven with real students in classroom and at home. Subscription service for schools includes an online platform to run VR lessons with ease. Lesson Plans and tests available for each module at futuclass.com/lessons/

[Quest App Lab](#) | Pico Store | Free demos, subscription

2. Molecule Builder

Practice your understanding of how atoms in a molecule bond. Apply the VSEPR model to predict a molecule's geometry. Determine the polarity of the intermolecular bonds and the overall polarity of the molecule. Calculate the force of the vector between each atom as well as its direction.

[Quest App Lab](#) | Pico Store | \$14.99

Physics



3. Mission:ISS

Take a trip into orbit and experience life on board the International Space Station! In this Emmy-nominated simulation, learn how to move and work in zero-gravity using your controllers. Dock a space capsule, take a spacewalk, and let real NASA astronauts guide you on the ISS through informative videos and images.

[Quest Store](#) | Free

4. Multiverse

A huge range of curated spaces, such as the breath-taking Planetarium, the mind-bending Mazes, and the awe-inspiring Galleries. Take control of Virtual Reality, customise your spaces and tailor them to you and your ambitions. Whether you want to make a personalised room for you and your friends, or a corporate Metaverse for colleagues, clients and more, the Multiverse offers endless possibilities, confined only by your imagination.

[Quest Store](#) | Free

5. Titans of Space PLUS

Discover how big is the universe as you tour through this holographic miniature Solar System, then venture beyond to visit some of the largest known stars.

[Quest Store](#) | \$9.99

6. Star Chart

Star Chart currently includes: An accurate real-time simulation of the night sky. A 3D solar system to explore. Orrery tour and exploration. Moments in Time: set foot on the Moon and Mars, explore the ISS Cupola & visit the New Horizons probe.

[Quest Store](#) | \$9.99

7. Gadgeteer

Gadgeteer is a physics-based VR puzzle game where you build chain reaction machines to solve fun, intricate puzzles. Your machines will use gadgets to launch, bump, twist, and turn—creating chain reactions that may even end up tearing apart the fabric of space-time.

[Quest Store](#) | \$14.99

Biology



8. Human Anatomy Puzzle

An educational game which combines the 3D puzzles and human anatomy based on detailed and accurate models of human organs, bones or muscles. Compete against time in easy, medium or hard modes to complete: human skeleton bones, human digestive and respiratory system, human top muscles, human skull bones.

[Quest App Lab](#) | \$2.99

9. Sharecare YOU Anatomy

Sharecare YOU Anatomy is a larger-than-life exploration of the Human Body that allows viewers to visualize, understand and interact with their organs. This is not a boring anatomy app, nor simple 2D video demonstration—it is a fully immersive and interactive 360-degree experience you have to try for yourself.

[Quest App Lab](#) | \$9.99

10. High School Anatomy for Quest

Explore your body to the smallest details with precisely modelled anatomical structures. Amazing graphics and intuitive control allows you to explore the human anatomy from a whole new perspective. A unique function – AntMode[®] – makes you 40 times smaller in order to explore the inner body structures in a greater detail.

[Quest App Lab](#) | \$19.99

11. Dissection Simulator: Frog Edition

VictoryXR's virtual reality frog dissection software is a hands-on dissection opportunity that users can experience through the power of virtual reality. A hologram of the teacher will pop up to provide instruction and information to users. Cat, Invertebrate, Pig, Shark Editions are also available on Quest App Lab.

[Quest App Lab](#) | \$11.99

12. 3D Organon

3D Organon is a multi-award winning self-discovery experience into the human body. You can now visualize the skeletal system, muscles, vessels, nerves, and other organs in 3D. Delve into the human models and see what you are made of. The app features an extensive knowledge-base of anatomical definitions with terminology based on the official Terminologia Anatomica.

[Quest App Lab](#) | Pico Store (coming soon) | Free demo, Quest subscription \$499.50/year

Geography



13. ecosphere

Explore the great savannahs of KENYA, the ancient jungles of BORNEO and the rich coral reefs of RAJA AMPAT. Meet elephants, orangutans, manta rays and some incredible humans, all in stunning cinematic footage filmed from the air to the ocean.

[Quest Store](#) | Free

14. Wander

Teleport almost anywhere in the world - whether you wish to walk across the London Bridge, stroll the gardens of the Taj Mahal, or witness the enormity of the Great Pyramids of Egypt - unlimited exploration awaits. This app uses data from Google StreetView.

[Quest Store](#) | \$9.99

15. National Geographic Explore VR

Discover two of the most iconic locations on the planet. Head to Antarctica and set off on a thrilling expedition of discovery. Navigate around icebergs in a kayak, climb a massive ice shelf and survive a raging snowstorm as you search for a lost emperor penguin colony. Visit Machu Picchu, Peru and get immersed in amazing digital reconstructions of the ancient Inca citadel. Witness mummy worship, raise a cup of sacred chicha and encounter alpacas as you match Hiram Bingham's photographs from when he rediscovered the Inca citadel.

[Quest Store](#) | \$9.99

16. Ocean Rift

Explore a vivid underwater world full of life including dolphins, sharks, turtles, sea snakes, rays, whales, manatees, sea lions and even prehistoric animals! You are free to swim around each of the 14 habitats. Activate the education mode to learn more about the animals you come across. There are over 40 fully narrated information points to find.

[Quest Store](#) | \$9.99

17. BRINK Traveler

BRINK Traveler is a virtual travel experience that takes you to amazing natural locations in full 3D to feel like you're really there. Step into a postcard and visit some of the most breathtaking places on Earth today. 20 incredible spots to see across 13 locations.

[Quest Store](#) | \$9.99

18. Blueplanet VR Explore

Blueplanet VR Explore is a rich collection of over 40 volumetric experiences of powerful scenic and cultural heritage locations worldwide. With a high level of photogrammetry and art direction, BPVR offers full spatial presence and mobility within these remarkable locations. Interactive features are used to deepen understanding and insight of these fascinating and unique locations..

[Quest Store](#) | \$19.99

Algebra

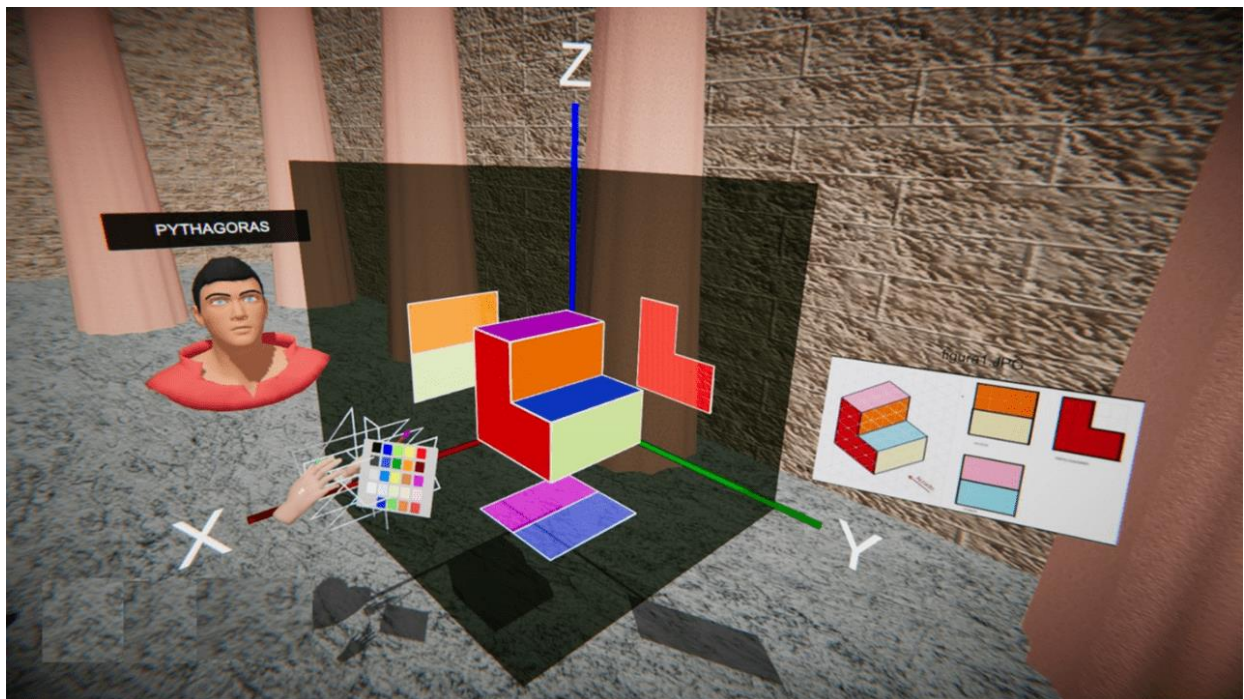


19. Pandemic by Prisms

Pandemic by Prisms is an algebra learning game that builds lasting fluency with exponential functions and allows you to apply algebraic thinking to one of the most important problems today - the global pandemic. It is designed to equip you with foundational algebra skills to understand how to make informed decisions about a critical public health issue.

[Quest App Lab](#) | Pico Store | \$8.99

Geometry



20. Neotrie VR

Neotrie VR enables users to create, manipulate, and interact with 3D geometrical objects and 3D models in general, of several types. It also allows teachers to create VR scenes with activities for their math classes. See [Neotrie VR User Guide](#) to get started.

[Quest App Lab](#) | \$19.99

Humanities

Arts



21. Tilt Brush

Tilt Brush lets you paint in 3D space with virtual reality. Unleash your creativity with three-dimensional brush strokes, stars, light, and even fire. Your room is your canvas. Your palette is your imagination. Save and share your creations.

[Quest Store](#) | \$19.99

22. Open Brush

An free open source version of Tilt Brush.

[Quest App Lab](#) | Free

23. Multibrush

A multiplayer implementation of the open source code for Tilt Brush. Play, create, and enjoy art - with friends.

[Quest Store](#) | Pico Store | \$19.99

24. (Hi)Story of a Painting

Hi)story of a Painting is an animated VR and 360 series aimed at engaging young audiences with art by creating accessible and relatable experiences focused on the human stories behind some of the world's most iconic art. This first episode focuses on Georges Seurat and his iconic painting "La Grande Jatte" - it dives into the story behind the painting, uncovering the artist's journey from underdog to icon.

[Quest App Lab](#) | Free

25. Art Plunge

Art Plunge is a gallery where you can get the feeling of being inside famous paintings. This is a short but sweet experience featuring 5 VR interpretations of the following artworks: Mona Lisa, Starry Night, The Birth of Venus, The Creation of Adam, Girl Reading a Letter at an Open Window.

[Quest App Lab](#) | \$1.99

26. Kingspray Graffiti

Create amazing street art with VR. Up to 4 simultaneous players collaborating at once. Use true to life Ironlak Aerosol colours to design and develop skills and bring your concepts closer to reality. Feel immersed in 12 realistic environments including a trainyard, Alleyway, dusky city rooftop, and an abandoned subway station.

[Quest Store](#) | \$14.99

27. Painting VR

Painting in virtual reality is easy: mix your colors, dip your brush in and start painting. The experience is very hands-on, easy to understand, and aimed at all ages.

[Quest App Lab](#) | \$11.99

28. Art Studio VR

Art Studio VR is an intuitive painting tool created for aspiring artists and visionary professionals. Create striking sketches, full-on paintings, and beautiful textures on your own 3D models. The app is in development and currently in early access.

[Quest App Lab](#) | \$14.99

29. Color Space

In Color Space you don't just color in a scene — you color *inside* a scene. Equipped with a palette and a coloring wand, you're transported into any of 26 beautiful black-and-white worlds.

[Quest Store](#) | \$9.99

30. SculptrVR

Create sprawling, brilliant worlds and explore them with your friends! Invite your friends to an online game, then race to the finish with hang-gliders, or switch to climbing mode. Great for designing natural objects for 3d printing. The massive zoom is great, the controls are simple, and there's a very short learning curve to get started. It's easy to make great looking structures, they don't have to look cartoony.

[Quest Store](#) | \$19.99

31. Gravity Sketch

A powerful yet intuitive creation tool - express 3D ideas in real-time at any scale. Create loose free form sketches, detailed models, expansive scenes, and artwork unrestricted. To enable the full Gravity Sketch experience, sign up for a free landingpad.me account. LandingPad is the cloud platform allowing to upload reference images and models, download exports and screenshots, and view your 3D files, all through a web browser.

[Quest Store](#) | Pico Store (coming soon) | Free, Subscription

32. ShapesXR

ShapesXR is a creation and collaboration platform for remote teams. In ShapesXR you start creating in 3D within minutes without prior experience. You can create immersive 3D storyboards to show your ideas in function and easily invite team members to iterate and design together in real-time.

[Quest Store](#) | Free

History



33. Anne Frank house VR

The VR tour allows people across the world to explore Anne Frank's hiding place as it was from July 1942 to August 1944, the period when Anne Frank lived in the Secret Annex and wrote her diary.

[Quest Store](#) | Free

34. Apollo 11

Experience the greatest journey of humankind through the eyes of those who lived through it. Using a mix of original archive audio and video together with accurate recreations of the spacecraft and locations, all set to inspirational music, get set for an experience that will not only educate you but will also leave a lasting impression and deep respect for the men and women who worked on the Apollo program during NASA's golden era.

[Quest Store](#) | \$9.99

Language Learning and Speech



35. Mondly: Practice Languages in VR

Mondly VR uniquely complements Mondly's mobile language learning app, enabling you to refine your speaking skills. You'll get instant feedback on your pronunciation, suggestions that enrich your vocabulary, and surprises that transform language practice with Mondly VR into a one-of-a-kind experience. Join our lifelike characters in a fully immersive language journey! Supports 30 languages.

[Quest Store](#) | \$9.99

36. Language Lab

Learn language the same way children learn - the same way humans have been wired to learn languages for thousands of years: in an environment where you are 100% immersed in the target language. Choose from over 20 different languages, and enter a house where you only hear that language. Hear the names of everything you touch in the house, follow your teacher's instructions, and acquire language through comprehensible input. This app is in development.

[Quest App Lab](#) | Free

37. VirtualSpeech

VirtualSpeech is a VR soft skills training app that's offered alongside online courses to accelerate learning of key communication skills like public speaking, sales, job interviews, and leadership. Learners practice what they've learnt in VR, where they are safe to learn from mistakes with no real-life consequences.

[Quest Store](#) | Pico Store | Free, Subscription

Music



38. Virtuoso

This VR musical sandbox lets anyone play and perform music in new, immersive ways. Create music in real-time using the Looper and share for all to hear. The six instruments of Virtuoso have been created specifically for VR. The interactive tutorial along with intuitive instruments and tools means that everyone, from professional producers to casual music lovers, can become Virtuosos.

[Quest Store](#) | Pico Store | \$19.99

39. Percussive VR

Percussive VR is a collection of virtual instruments you can play in your home! Learn, practice, perform, or just play — your own creativity is the limit. Instruments currently available: Marimba, Xylophone, Vibraphone, Steelpan / Steel Drums, Glockenspiel.

[Quest App Lab](#) | \$29.99

40. VRtuos

Just calibrate your real piano and press play! Notes will fall directly onto your keys, so it's really easy to learn how to play any song pretty fast. There are many songs included, but you can also import your own .mid files. You can also connect your midi piano using the Companion app from <https://vrtuos.eu>. If you do that, you will unlock two more modes and you will see keys press down.

[Quest App Lab](#) | Free

Social Studies



41. Notes on Blindness

The multi-awarded narrative VR experience is now available on Oculus Quest. ARTE gives you the opportunity to discover and rediscover Notes On Blindness, an emotional journey into a world beyond sight.

[Quest Store](#) | Free

42. Traveling While black

Traveling While Black is a cinematic VR experience that immerses the viewer in the long history of restriction of movement for black Americans and the creation of safe spaces in our communities.

[Quest Store](#) | Free

43. Within

Free hand-picked catalogue of the emerging art form of Cinematic VR. Beautiful immersive stories — award-winning VR documentaries, animation, music videos, horror, + more. Hi-res: if you download the experiences (streaming is fast but lower res).

[Quest Store](#) | Free

UsefulOnline Spaces



44. Engage

ENGAGE is an advanced virtual communications platform that makes it easy to collaborate in VR. Ideal for conferences, education, simulated training, and virtual events and can be used globally as an alternative to video-based communications.

[Quest Store](#) | [Pico Store](#) | Free, Subscription

45. AltSpace VR

AltspaceVR is the premier place to attend live shows, meetups, cool classes, and more with friendly people from around the world. Experience a spotlight event at 7pm PT every night where you can learn, laugh, and gather with people on every major VR headset.

[Quest Store](#) | Free

46. Spatial

Spatial is like a video conferencing app in VR, only with a much smoother and more feature-rich experience. As mentioned, Spatial uses AI technology to turn your 2D photographs into a 3D rendering of your face and upper torso, and it does this with incredible accuracy. You can also join on Mobile (iOS + Android).

[Quest Store](#) | Free

Brain Training



47. ENHANCE

ENHANCE VR offers a daily brain training workout of short, fun, and intense games designed by neuroscientists to test and train your cognitive skills, including: memory, attention, flexibility, problem solving, motor control, spatial orientation, information processing. Play daily, or as frequently you can, and track your progress over time with reporting tools that let you know how your quality of sleep and moods affect your cognitive performance.

[Quest App Lab](#) | Free



48. High Voltage Electrical Substation Training

The training application represents an electrical substation environment (EU standard) and features audio and visual guidance. The HV Electric Power Substation training will help participants become more familiar with the layout of industry-specific equipment, power transformers, oil circuit breakers, re-closers, and switchgear through exploring a virtual substation environment. During training, participants will be provided with information on substation terms, brief parameters, and performance rates. What skills do you acquire this VR experience? Basic High Voltage equipment The purpose of each piece of equipment; Inner components of High Voltage equipment; Electric Power Substation layout;

[Quest App Lab](#) | Free

49. Fire Extinguisher Simulator

Learn how to use a fire extinguisher in VR. Practice extinguishing fires in a realistic environment. Learn about various types of fires and which extinguishers to use in any given situation. Inside The Fire Extinguisher Simulator you will train on the following concepts: • Fire Event Evaluation • The Fire Safety Triangle • Types of Fire Extinguishers • Classes of Fires • Fire Extinguisher Technique and Best Practices

[Quest App Lab](#) | €14,99

50. Transformer Oil Sampling VR Training

Through the training, attendees are given a task to perform a preventive maintenance procedure — transformer oil sampling. Participants are invited to collect the necessary tools and step-by-step carry out the sampling procedure for transformer oil of voltage class 110 kV What Skill Do You Acquire After Completing After successful completion, attendees will know what tools are required to perform transformer oil sampling, set up a workspace, be aware of all safety considerations and requirements to be observed. VR Benefits Over Traditional Education Employees who would otherwise be subject to training in harsh, high-risk circumstances can learn and make decisions in a physically-safe environment through VR. The safety factor alone can be enough to justify investment in VR due to the cost of accidents both in training and on the job. Heavy equipment doesn't have to be brought to a particular training location or suffer wear and tear as numerous trainees learn how to operate it.

[Quest App Lab](#) | Free

51. Occupational Safety and Health for Electricians

According to statistics from Health & Safety organizations, 90% of accidents are due to behavioral issues. This virtual reality experience addresses electrical safety requirements to safeguard employees and contractors who work near exposed energized parts, electrical equipment, and wiring in hazardous locations. This training will include isolation of energy, hazard identification, premises wiring, distribution panel operations, use of personal protective equipment, and insulated tools. Training outcomes As a result, this VR experience provides comprehensive life-like training to high-risk workers on the requirements of Occupational safety and health standards, and the prevention of serious injuries from electrical hazards at their worksites. Participants will develop an understanding of the requirements of OSHA and the ability to identify and reduce or eliminate electrical safety hazards in their workplace.

[Quest App Lab](#) | Free

52. Feeder Protection Relay Training

Feeder Protection Relay VR Training is an interactive step-by-step introduction into the modern feeder protection relay systems. The training presents a general overview of the feeder protection relay as well as the description of the user interface, inputs and outputs, monitoring and control features. Training outcomes Training provides a basic understanding of the feeder protection relay devices and describes their purpose and features, as well as the user interface, and audio and visual tips help to memorize information much more efficiently.

[Quest App Lab](#) | Free