

DABLIU

VR 360 EXPERIENCE

Virtual reality learning on
interactive monitors or tablets!



 **wacebo**

Experience **virtual reality** virtual reality learning on
interactive monitors and Android or iOS tablet devices

VR 360 EXPERIENCE

you'll be able to **independently download** online experiences and recreate them **even without an augmented reality viewer**, simply by using an interactive monitor or Android or iOS tablet device.



Biology

- Comparison of plant cells
- Extraction of plant DNA
- Aliens under the microscope: the tardigrades
- Comparison between plant and animal cells
- Cells in mitosis



Mechanics

- Balancing on an inclined plane
- The simple pendulum
- The principle of surface tension
- The principle of communicating vessels
- Archimedes' principle of buoyancy



Pneumatics

- High vacuum pump
- Measuring pressure: The pressure gauge
- Relationship between force and pressure
- Sound waves in a vacuum
- The weight of air: experimental measurement



Life Sciences

- Density of substances
- Acids and bases: Titration
- Acids and bases: Heat of neutralization
- The colored celery
- Structure of a cell



Optics

- Deflecting a light beam with a mirror
- Formation of a fire with a biconcave prism
- Formation of fire with a biconvex prism
- Deviation of a light beam with a triangular prism
- Symmetric deviation of light beam with a trapezoidal prism

Make the impossible possible.



Electromagnetism

- Magnets in contact with other materials
- Magnetic field lines
- Interaction between magnet and compass
- The electromagnet
- Electrization by rubbing



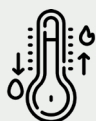
Acoustics

- Wave generator: The tuning fork
- Propagation of sound waves
- Frequency and intensity of sound
- The phenomenon of acoustic resonance
- The acoustic beat



Electricity

- Electrical conductivity
- Ohm's first law
- Circuit with a push-button switch
- Circuit with a lever switch
- Building a battery with a lemon
- Short circuit



Thermodynamics

- Heat and temperature
- Heat transfer: conduction
- Thermal expansion of liquids
- Thermal expansion of solids
- Boiling

Recreate the **50 experiments** of the ScienceBus on a extensive scale.

Choose your experiment category fully **immerse yourself** in the experience!



Alternative Energy

- Electric generator: Production and consumption of electricity
- Wind generator: Harnessing wind energy
- Hydroelectric generator: Utilizing water energy
- Photovoltaic generator: Harnessing solar energy
- Photovoltaic system: Capacity, efficiency and energy storage





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