


Learning with zSpace: Software Packages


With Every zSpace



zSpace Studio is a rich model exploration and presentation tool that allows students to compare, dissect, analyze, measure, annotate and explore thousands of 3D models from the zSpace Model Gallery.

K-12


- Life Science
- Physical Science
- Social Science
- Geography
- Earth & Space Science
- Engineering Design
- English Language Arts
- Storytelling



Leopoly introduces students to the world of 3D creation by helping them create, customize, and prepare digital objects for 3D printing. With Leopoly, anyone can become a 3D designer.

K-12

- 3D Modeling
- Geometry
- Ratios
- Functions
- Art & Design
- Problem-based Learning
- Biochemistry
- Botany
- Zoology




Geogebra allows students to better engage in math concepts related to three-dimensional topics. Students can also use the Graphing Calculator feature for functions, geometry, algebra, calculus, and 3D math.

MIDDLE SCHOOL **HIGH SCHOOL**

- Volume
- Cross-sections
- Geometry
- Surface Area


zSpace Learning Applications Package



Newton's Park allows students to create their own experiment or use experiments created by zSpace to deepen their knowledge of Newtonian Mechanics. Students can build simulations, while gathering and interacting with data.

K-12


- Momentum
- Forces
- Projectile Motion
- Functions
- Energy
- Scientific Method



Franklin's Lab guides students through electricity concepts and troubleshooting faulty circuits. Students can work in a sandbox with electrical components, follow guided zSpace activities, and repair broken switches and motors in the Workbench.

K-12

- Troubleshooting
- Open/Closed Circuits
- Series & Parallel Circuits
- Conductivity
- Resistance



Curie's Elements allows students to explore a periodic table with Bohr and atomic models for each element. The Atom Builder feature allows students to add protons, neutrons and electrons to build elements.

MIDDLE SCHOOL **HIGH SCHOOL**

- Chemistry



Euclid's Shapes offers activities with math manipulatives and provides teachers with a guide to math learning. Students can utilize Base 10 blocks, Rainbow Cubes, Square Tiles, Pattern Blocks and Fraction Bars.

ELEMENTARY **MIDDLE SCHOOL**

- Ratios
- Geometry
- Functions
- 2D Crossections
- Numbers and Operations
- Base 10
- Fractions
- Measurements and Data

Additional Software Available for Purchase



VIVED Science is a comprehensive package of detailed, interactive dissection experiences focused on learning and exploring Human Anatomy, Botany, Zoology, Earth Science, Microbiology, Chemistry, Engineering, and Paleontology.

K-12

CTE

Cycles
Zoology
Anatomy
Genetics
Cells and Viruses

Classification
Relationships
Botany
Evolution
Earth Science



VIVED Anatomy is a high quality visual and interactive software for learning anatomy in 3D. It enables users to view the human body and perceive spatial relationships like never before.

HIGH SCHOOL

CTE

Anatomy



Human Anatomy Atlas by Visible Body is an award-winning human anatomy general reference. Students can explore the systems of the human body, over 4,600 anatomical structures, musculoskeletal animations, and thousands of quizzes.

MIDDLE SCHOOL

HIGH SCHOOL

CTE

Anatomy
Kinesiology



VR Automotive Mechanic by GTA lets students practice assembly and disassembly within a virtual shop where safety is guaranteed and practice can be repeated. Students will be better prepared for real-world training after working within the VR Automotive Mechanic Simulation.

CTE

Assembly/Disassembly
- Suspension
- Brakes
- Engine
- Transmission



VR Automotive Expert by GTA is the first of its kind, 3D interactive study guide for automotive training. Detailed text and interactive simulations allow students to visualize and engage with content to deepen understanding.

CTE

Modules include:
- Clutch
- Transmission
- Powertrain System
- Wheel and Axle
- Suspension
- Steering System
- Brake System
- Air conditioning
- Air Distribution
- Air Compressor



Virtual ECG by Vizitech allows students to practice ECG electrode placement, understand the relationship between electrode placement and the ECG strip, and study abnormal ECGs.

CTE