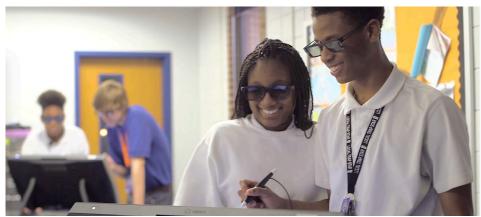


# **zSpace Learning Lab**

The zSpace Learning Lab includes a suite of learning applications, hundreds of activities ready for integration into your curriculum, and zSpace all-in-one computers that deliver lifelike experiences that...



#### **Inspire Curiosity. Engage Students.**

Creating engagement through exploration and experiential learning in a student-centered environment defines the zSpace learning experience. Concepts and places typically left to the imagination become tangible.

#### **Build Student Confidence.**

zSpace develops fearless learners through an environment where safety is guaranteed, supplies are unlimited and experimentation is encouraged. Through life-like experiences, zSpace levels the playing field of student experience. As confidence grows and engagement is built, student interest in STEM careers expands.

#### **Deepen Student Understanding.**

zSpace encourages students to inquire, take risks, and solve problems while building background knowledge to be successful. From creating original experiments to designing new objects, zSpace elevates opportunities for students to apply their learning. Student collaboration creates numerous opportunities for rich academic conversations.



## **Curriculum Subject Areas**

		Life Science	Physical Science	Earth & Space Science	Social Science	Math	Arts	CTE	Languages
zSpace Learning Applications	Studio	<b>✓</b>		✓	<b>√</b>			<b>✓</b>	Chinese Spanish
	<b>ズ</b> Leopoly	✓					✓	<b>✓</b>	English Only
	🌠 Newton's Park		✓	✓		<b>✓</b>			Chinese
	Franklin's Lab		✓						Chinese
	Curie's Elements	✓							Chinese Spanish
	euclid's Shapes					<b>&gt;</b>			Chinese Spanish
	Geogebra**					✓			Multiple
	Muman Anatomy Atlas*	✓						✓	Multiple
	VIVED Science	✓	<b>~</b>					<b>~</b>	Multiple
	₩ VIVED Anatomy*	✓						<b>√</b>	Multiple
	VIRTUAL ECG by Vizitech USA	✓						<b>✓</b>	English Only
	Automotive Expert							<b>✓</b>	English Only
	Automotive Mechanic							<b>√</b>	English Only
	Wave NG by Mimbus							✓	English Only

### **Content Overview**

#### Life Science

Animal Life Cycles **Human Anatomy** 

Biochemistry

Biomes

Botany

Cells and Viruses

Chemistry

Classification

Ecology

Evolution

Food Web

Genetics Relationships

Zoology

#### **Physical Science**

**Electrical Current** 

**Energy and Collisions** 

Mechanical Structure and Function

Momentum and Impulse

Motion in Straight Line

**Newtonian Mechanics** 

Newtonian Mechanics

Projectile Motion

Troubleshooting

#### **Engineering Design**

Design Thinking Project-based Learning

#### **Earth & Space Science**

**Environmental Issues** 

Fossils

Geographic Features

**Human Impact** 

Natural Hazards

Solar System and Space

#### **Mathematics**

Base 10 Operations

**Ratios and Proportions** 

Volume and Surface Area

Fractions

Place Value

Graphing

2D and 3D Shapes

Cross-sections

Algebra

Geometry

#### **History & Geography**

Culture

World History

U.S. History

Parts of the U.S.

Parts of the World

#### **Arts**

Music Sculpting

## **Studio Exploration Models**

Thousands of models available for exploration and investigation.



Anatomy



Animals



Animated



Astronomy





Buildings



Chemistry



Dissectible









Historical



















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<sup>\*</sup> Best suited for higher level anatomy learning
\*\* Higher level math concepts of alegebra, geometry, functions and 3D math