

Teaching Career Exploration with zSpace

Learn how to use applications on your zSpace AIO or laptop to teach career exploration. Strategies for using Studio and Experiences are provided.



zSpace
Studio



zSpace
Experiences

Advanced Manufacturing

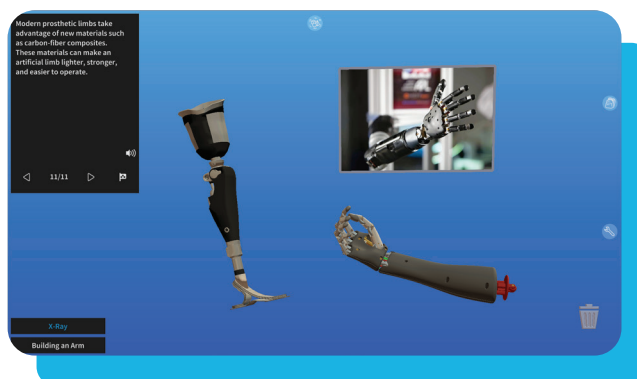
Studio activities

- [Building an Arm](#) (A262)
- [Design an Arm](#) (AP21)
- [Engineering Design Process](#) (A169)

For deeper learning

- Advanced Manufacturing Hydraulics (AP40)
- Advanced Manufacturing Mechanical (AP39)
- Advanced Manufacturing Pneumatics (AP43)
- Wave NG Welding (AP36)

Building an Arm (A262)



Agri-Science

Studio activities

- [Animal Teeth and Diet](#) (A003)
- [Biotechnology and Bananas](#) (A173)
- [Biotechnology and Corn](#) (A202)
- [Farming](#) (A094)
- [Farming with Nitrogen-Fixing Roots](#) (A569)
- [Invasive Species](#) (A279)

For deeper learning

- Canine Anatomy VR Trainer (AP38)
- VIVED Science (AP27)
- Wave NG Welding (AP36)

Farming (A094)



Biomedical Technology

Studio activities

- [Are You a Carrier?](#) (A054)
- [DNA: Genetic Mutations](#) (A089)
- [Fruit Fly Research](#) (A096)
- [Probability and Genetics](#) (A039)
- [Sickle Cell Disease](#) (A277)

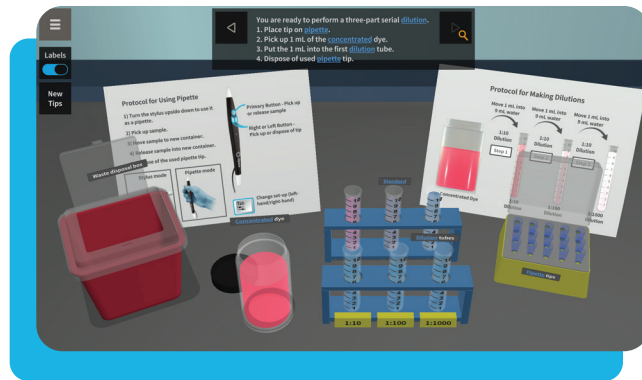
Experiences

- [Testing for the Flu](#) (E435)

For deeper learning

- Certify-Ed Biotechnology (AP58)
- Certify-Ed Criminal Justice (AP55)
- Human Anatomy Atlas (AP26)
- VIVED Anatomy (AP31)
- VIVED Science (AP27)

Testing for the Flu (E435)



Construction

Studio activities

- [Building to the Sky](#) (A008)
- [Idea Sheet: Buildings](#) (AP21)

Experiences

- [Changing Energy](#) (E425)

For deeper learning

- Franklin's Lab (AP22)
- HVAC (AP54)
- VIVED Carpentry (AP61)

Changing Energy (E425)



Health Science

Studio activities

- [Human Anatomy: Circulatory System](#) (A275)
- [Human Anatomy: Digestive System](#) (A318)
- [Human Anatomy: Heart Attack](#) (A573)
- [Human Anatomy: Heart Function](#) (A574)
- [Human Anatomy: Nervous System](#) (A051)
- [Human Anatomy: Respiratory System](#) (A274)
- [Human Anatomy: The Brain](#) (A284)
- [Human Anatomy: The Heart](#) (A575)
- [Tumor in the Kidney](#) (A583)

Experiences

- Exploring Anatomy! (E452)
 - [Exploring Anatomy: Respiratory System](#)
 - [Exploring Anatomy: Circulatory System](#)
 - [Exploring Anatomy: Digestive System](#)
 - [Exploring Anatomy: Excretory System](#)
 - [Exploring Anatomy: Nervous System](#)
- [Human Response to the Flu](#) (E436)
- [Testing for the Flu](#) (E435)

For deeper learning

- Human Anatomy Atlas (AP26)
- Dental (AP104, AP105, AP106, AP107)
- True 3D Scholar (AP52)
- Virtual ECG (AP33)
- VIVED Anatomy (AP31)

Industrial Robotics

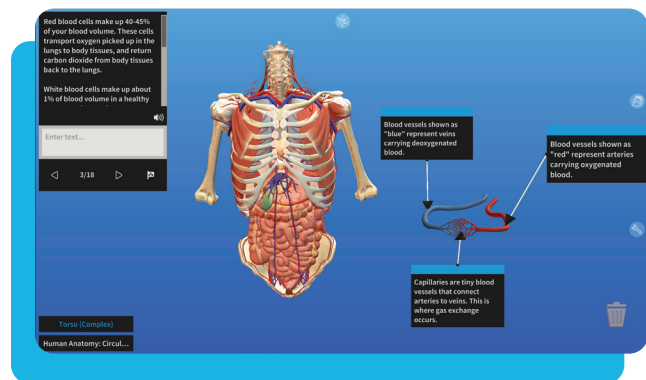
Studio activities

- [Analog vs Digital](#) (A565)
- [Engineering Design Process](#) (A169)
- [The Impact of Computers](#) (A142)

For deeper learning

- Industrial Robotics Expert (AP41)
- Industrial Robotics Mechanic (AP42)
- Industrial Controls (AP51)

Human Anatomy: Circulatory System (A275)



The Impact of Computers (A142)



Transportation

Studio activities

- [How Do Airplanes Fly in the Sky?](#) (A104)
- [Idea Sheet: Cars](#) (AP21)
- [Structure and Function: Transportation](#) (A041)
- [The American Automobile](#) (A269)
- [Timeline: Evolution of Transportation](#) (A554)

For deeper learning

- VR Automotive Diagnostics (AP53)
- VR Automotive Expert (AP35)
- VR Automotive Mechanic (AP34)
- VR Electric Automotive Mechanic (AP50)
- Wave NG Welding (AP36)

How Do Airplanes Fly in the Sky? (A104)

