Teaching Early Elementary Students with zSpace

Learn how to use applications on your zSpace AIO or laptop to teach early elementary students. Strategies for zSpace Studio, Euclid's Shapes, Newton's Park, and zSpace Experiences are provided.

zSpace Studio

Newton's Park
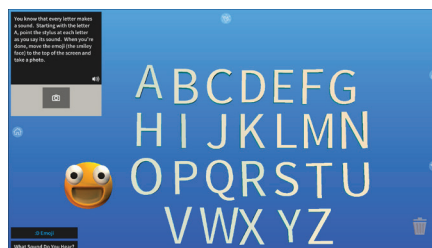
Euclid's Shapes

zSpace Experiences

zSpace can be used to develop language skills.

zSpace Studio Activities:
- Do You Know Your ABCs? (A166)
- What Sound Do You Hear? (A201)
- Over, Under (A185)

zSpace Studio Sandbox (AP21)
- Find models beginning with the letter B.
- Find models that rhyme with the model shown such as cat, bat, or rat to rhyme with hat.
- Find models that match a certain adjective; for example, a fire, the Sun, or a light bulb matches the adjective "hot."

TIP:
Set up a station rotation where different groups of students work on different, but related models. Allow students to share their work during a gallery walk.

zSpace can be used to practice math skills.

zSpace Studio Activities:
- Collection: 2D Shapes (A226)
- ABC's and 123s (A261)
- Triangle, Circles, and Squares Oh My! (A197)

Euclid's Shapes Activities:
- Understanding Place Value (A381)
- Representing Numbers with Base 10 Blocks (A390)
- Adding and Subtracting Using Place Value (368)

Euclid's Shapes Sandbox (AP25)
- Solve tangram puzzles with pattern blocks.
- Count by ones and tens with rainbow cubes.
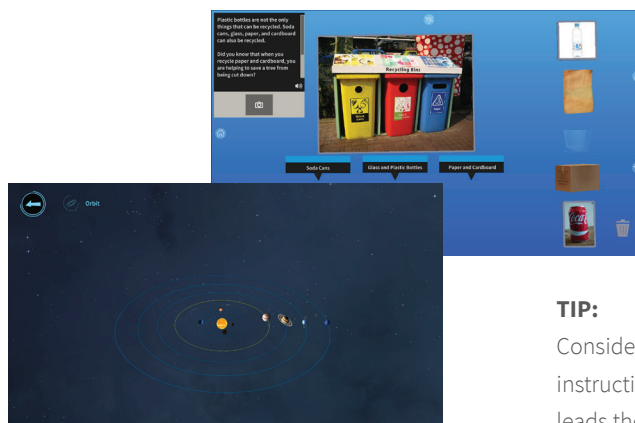
zSpace can be used to introduce science concepts.

zSpace Studio Activities:
- Tools, Tools, Tools (A147)
- Reduce, Reuse, and Recycle (A128)
- Home Sweet Home (A516)

zSpace Experience Activities:
- Introduction to the Solar System: Patterns of the Sun, Moon, and Stars (E433)
- Exploring Water: Where Is Water Found? (E447)
- Exploring Desert Habitat (E446)

TIP:
Consider whole-group instruction where the teacher leads the activity. Students can interact with models on an interactive white board.

zSpace can be used to introduce hands-on engineering design opportunities.

zSpace Studio Activities:
- Cars, Buses, and Bikes (A078)
- Phillips or Flathead (A123)
- One Problem, Two Solutions (A120)

zSpace Newton's Park Activity:
- Engineering Design Process K-2 (A501)

Tools

Definitions for key terms are provided in zSpace Experiences.

Idea Sheets are available for model exploration in zSpace Studio.
- Idea Sheet: Letters (AP21)
- Idea Sheet: Tools (AP21)
- Idea Sheet: Musical Instruments (AP21)
- Observation Sheet
- Exploration Sheet
- Comparing Models Worksheet

Differentiation supports are available in Activity Plans.

Text to speech is available in zSpace Learning Applications. Key vocabulary are introduced.

Applications, activities, and experiences on zSpace can be used in **face-to-face** and **distance learning**. Resources on how zSpace supports **blended and remote learning strategies** can be found at zspace.com/edu.