ELMO DOCUMENT CAMERA CASE STUDY

ACES Tech Charter School Enriches STEM Learning



OVERVIEW

ACES Technical Charter School in Albuquerque, New Mexico, is dedicated to providing students with a safe, supportive, and technology-driven learning environment. By integrating the ELMO TT-12W Document Camera into its classrooms, ACES enhances STEM education and creates interactive lessons that inspire creativity and achievement.

CHALLENGES

ACES faced financial constraints while striving to maintain high-quality education. Teachers needed reliable technology that could enrich STEM lessons, engage students visually, and allow for flexible teaching methods—without placing additional strain on the school's resources.

SOLUTION

To meet these needs, ACES adopted the ELMO TT-12W Document Camera. With powerful zoom, flexible positioning, and real-time projection, the device allows teachers to display documents, student work, 3D objects, and experiments clearly to the entire class. This makes lessons more interactive, dynamic, and aligned with ACES' STEM-focused curriculum.

SOLUTIONS IMPLEMENTED

ELMO technology was introduced across classrooms to support hands-on subjects such as coding, robotics, biomedical engineering, and 3D printing. Teachers quickly integrated the document cameras into daily instruction, using them for real-time demonstrations, collaborative editing, and interactive read-alouds.

OUTCOMES

- **Time savings:** Teachers engage students without constantly switching between the whiteboard and individual desks.
- **Faster, clearer communication:** Students see lessons in real time, improving understanding and participation.
- **Greater engagement:** Students eagerly share their work under the camera, creating a culture of collaboration and peer learning.

CUSTOMER PERSPECTIVE

- A teacher at ACES explained the impact:

"The ELMO Document Camera is amazing. It allows me to interact with students much better than standing at the whiteboard. I can see their body language and faces as the material is presented. It's a huge asset to our classroom. Thanks, ELMO!"

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