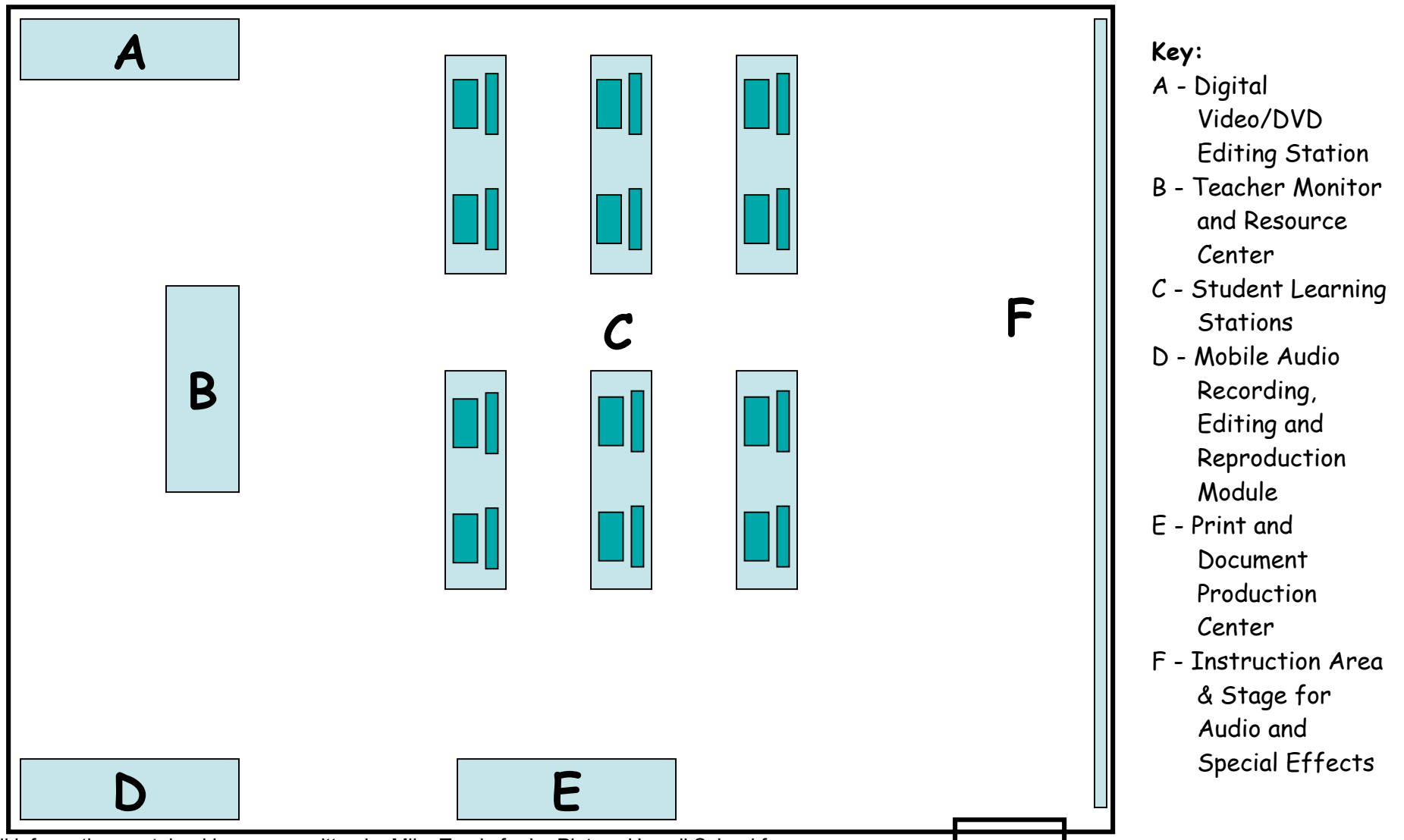


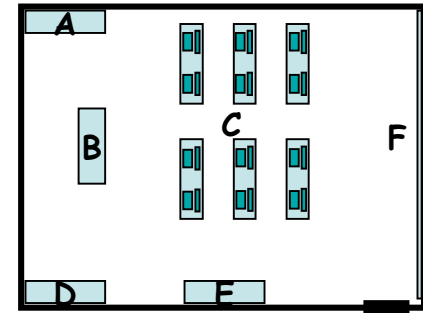
La Pietra's MultiSensory Laboratory

The future of everything we do lies in Technology. Technology is how we will communicate to people through the use of all our senses. For now, we can only reach 4 of the senses using technology, but someday we will reach all! This laboratory is designed to have students experiment on how to communicate to others using all of their senses.



All information contained here was written by Mike Travis for La Pietra - Hawaii School for Girls. You can use this as reference, but please do not duplicate without permission.

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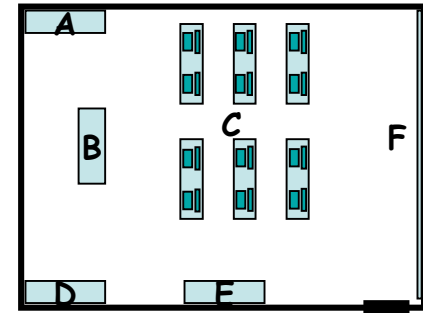
A - Digital Video/DVD Editing Station This area of the room is like a small editing studio. Here would be the place for digitizing, editing and producing high-end video and DVDs. The Station would consist of: top of the line G4 Mac with dual processors, large flat screen and smaller flat screens for editing and viewing work on multiple screens, high-speed DVD burners and a work area for multiple student work.

B - Teacher Monitor and Resource Center This area allows the teacher to view most of the student's work from the back of the classroom. The emphasis of the laboratory is to have the students become the investigators and "scientists" and have the teacher become a facilitator of knowledge. The Resource Center will include the necessary cables, accessories and manuals.

C - Student Learning Stations The main section of the lab, this area includes 10-12 networked computers for working on multimedia, desktop publishing and graphic design projects. Computers would be Mac G4 computers with flat-screens and airport or networked access, depending on location. Applications installed would allow students to: create multimedia projects graphics, animation, 3-D animations, interactive games, video production and editing, and desktop publishing.

D - Mobile Audio Recording, Editing and Reproduction Module This mobile module is like a small recording studio. The computer would have the latest in audio mixing software and hardware. The lab would be mobile to allow it to be moved closer to the front when recording sessions occur. Or, it might possibly moved to the Music Room when larger recording is necessary. This module would require a high-speed G4 Mac designed especially for sound recording, editing and duplication. It would include high-quality audio mixing and recording hardware, a high-speed CD burner and duplicator.

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E - Print and Document Production Center This area will be outfitted with high-quality black and white and color laser printers. Additionally, the area will be stocked with binding equipment for the production of publications like Passport and Literary Magazine. Students could also use this area for t-shirt design or other creative technology projects.

F - Instruction Area & Stage for Audio and Special Effects At the front of the room would be white boards that could be covered by a black screen for the use of photo and video special effects. The area serves dual purposes for instruction and creation of special effects. The white boards and LCD projector would allow teachers to instruct students on techniques or tools, but it could also serve as a place for student presentations. Additionally, it could be used as a stage for audio productions.

When used as a special effect area it is designed with a "George Lucas/Star Wars" feel allowing students wanting to create 3-D Animations or visual effects to create stunning-realistic examples by filming scenes against a black screen. In the future, Virtual Reality programming and helmets would be available to allow students to create their own interactive walkthroughs and games.