UNIVERSITY OF ARIZONA’S SKY SCHOOL EXPERIENCE

Palo Verde High Magnet School had the amazing opportunity to participate in the University of Arizona’s Sky School Experience. This was a 4-day, 3-night trip at the summit of Mt. Lemmon.

The program included daytime field instruction in small groups with U of A graduate student scientists serving as instructors and mentors. The student participants designed research projects, had nighttime astronomy experiences with large university telescopes, utilized dormitory lodging, and created relationships with U of A scientists. The program also included teambuilding exercises and games to promote cohesiveness and effective collaboration, as well as a final research symposium. Overall, it was a wonderful program for our students – especially those interested in the science and/or astronomy field!
FORENSICS CLASS GETS A REAL LIFE TOUR!

Ms. Lyons' Forensics class got to take a tour of Tucson Police Department's Crime Lab. The students reinforced their knowledge regarding DNA, evidence collection, latent fingerprints, toxicology, ballistics, crime lab machinery and chemicals, as well as some of the court process. Thank you to the TPD Crime Lab for an excellent morning, and thank you to Officer Nicks and Ms. Lyons for arranging the trip!

STEM Night – Spot the STEAM Practices Engineering and Design

Mr. Farlee (Mechanical Drafting) and Mr. Barker (Engineering) were a hit at STEM Night! During their Engineering and Design presentation, participants got to do hands-on activities, learn about the design process, and see how a 3-D printer works. Thank you to Mansfeld for hosting this fun event!

The Mechanical Drafting Program at Palo Verde High Magnet is designed to prepare students to apply technical skills, via computer assisted design and drafting, to create two-dimensional and three-dimensional designs. The program includes instruction in specification interpretation, dimensioning techniques, drafting calculations, material estimation, technical communications, and computer applications. Student participants have the opportunity for Industry Certification as a Certified SolidWorks Associate, or Certified SolidWorks Professional.

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