

1056-R5-1064      **David Booth\*** ([sdbooth@sbcglobal.net](mailto:sdbooth@sbcglobal.net)), 1701 Kenwood Ave, Austin, TX 78704. *Educational Applications of Projective Geometry*. Preliminary report.

Projective geometry was thought to have educational potential in the early twentieth century but was lost in curricular evolution. Various educational experiments have been carried out in recent years to reintroduce it. They begin with descriptive geometry. Projectivities seem natural after considering stereoscopic images. Cross ratios give a connection to trigonometry and computational topics. The introduction of graphical statics in physics lessons supports physics and geometry alike. There have been some Moore method lessons with select high school students involving geometric algebra connected with moments, bivectors, and related topics that resemble applied projective geometry. (Received September 20, 2009)