# Some perspective from art class, or why do parallel lines intersect? by Professor David Grant 

WEDNESDAY, OCT 5 AT 5 PM IN MATH35O



We'll give an introduction to the projective plane, the space inspired by the desire to put drawings in perspective. We'll look at how points and lines are "dual" objects, and we'll see why "parallel" lines intersect. We then generalize that to the amazing theorem of Bezout, which we can use to show the famous theorem of Pascal about what happens when hexagons are inscribed in conics.

