

1106-VH-2214      **Philip B Yasskin\*** ([yasskin@math.tamu.edu](mailto:yasskin@math.tamu.edu)), Department of Mathematics, Texas A&M University, 3368 TAMU, College Station, TX 77843-3368. *Texas A&M Summer Educational Enrichment in Math (SEE-Math): Doing not Lecturing.*

Texas A&M's SEE-Math program is a 4 hours per day, 2 week, non-residential program for gifted and honors level students. It has been running since 2002. Although some of the activities develop computational and programming skills, most of the activities allow the students to experiment with manipulatives, develop conjectures and prove or disprove them. As time permits, I will discuss how we approach Map Coloring, Platonic Solids, Euler Numbers, Pick's Theorem and the Birthday Problem to emphasize Doing and not Lecturing. One of the activities which is unique to SEE-Math is Computer Animations using Maple programming. I will show several of the student produced animations. (Received September 16, 2014)