

1067-S1-1004 **Anneke Bart*** (barta@slu.edu), 220 N. Grand Blvd, St. Louis, MO 63103. *Math and the art of M.C. Escher.*

We have taught Math and the art of M.C. Escher as a freshman geometry course since 2001. We have written an online text which is available for free at <http://mathcs.slu.edu/escher>.

Topics include Euclidean, spherical and hyperbolic geometry, and a choice of other topics such as fractals, the fourth dimension, etc. The course is taught using a lot of group explorations. Grading in this course is done using a combination of projects and conventional type exams. The talk will include a short overview of the course and topics covered. (Received September 17, 2010)