1086-K1-464 **Charles Redmond*** (`credmond@mercyhurst.edu`), Department of Mathematics/Computer Systems, Mercyhurst University, Erie, PA 16546. *Context Free Art in the Classroom.* Preliminary report.

Context Free Design Grammar (CFDG) is a programming language used for producing beautiful generative art. For the past few years, I have taught this language to first year university students, most with no computing background, as part of an interdisciplinary course in mathematics, computing, and art. No mathematics experience beyond high school algebra and geometry is required of the students. I will talk about the structure of the course and my experiences and impressions, but mostly I will exhibit the beautiful work the students have done. (Received September 03, 2012)