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**Debra L. Hydorn\*** (dhydorn@umw.edu). *Infographics Activities to Promote Graphical and Quantitative Literacy*. Preliminary report.

Like many liberal arts schools, the General Education program at the University of Mary Washington includes the requirement that students take a first-year seminar. To take advantage of the use of infographics to display quantitative information across disciplines and the availability of new tools to create them, I created a first-year seminar to develop students' visual communication skills, both for reading and interpreting graphs and for creating their own. In this first year seminar students build core skills for visual analysis and learn about the cognitive, communication and aesthetic principles of information design. By examining collections of example infographics students develop an understanding of the components of effective infographics and construct a definition of visual literacy. In this presentation I will share a variety of class activities and projects from my infographics seminar that could be modified for use in other liberal arts mathematics courses. Example activities include "deconstructing" graphs, identifying the characteristics of effective infographics and calculating the "lie factor." I will also share infographics resources and some examples of students' work. (Received September 17, 2013)