

1035-D1-591      **Heidi Burgiel\*** (hburgiel@bridgew.edu), Bridgewater State College, Bridgewater, MA 02325,  
and **Ward Heilman**, Bridgewater State College. *Why Teach Transformations of  
Graphs?* Preliminary report.

When planning a precalculus course, faculty must decide which topics to include and which to omit. We argue in favor of teaching transformations of graphs of functions by describing how a graphing activity used at Bridgewater State College reinforces student understanding of concepts ranging from input, output and graphs to equations of conic sections. (Received September 11, 2007)