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Our future middle school math teachers are required to take a capstone technology course. One of the principal components of this course is a series of group activities involving simple programming using LOGO, the "turtle language". Since commands in LOGO are immediately carried out by the onscreen turtle, students not only have instant feedback, but they quickly discover that LOGO can be lots of fun. They work their way from simple commands to complex recursive routines, all the while developing their problem solving skills in a setting they really enjoy. This course also acts as a capstone experience, placing the geometry they have already completed into an applied context. (Received September 25, 2006)