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Andrew G Bennett* (bennett@math.ksu.edu), KSU Dept. of Mathematics, Cardwell Hall,
Manhattan, KS 66506. *Do mathlets deliver what we want them to teach?* Preliminary report.

Since students usually interact with mathlets on their own without an instructor present, how can we tell how they use the mathlet and what they are learning? We have developed a tracking system to monitor students as they use a series of mathlets and have compared usage with performance on assignments to study whether students are actually learning by interacting with the mathlets. In the case under study, most students did seem to learn from their interactions, but the speed with which they learned was affected by their perception of how mathematics works. (Received August 02, 2005)