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Thomas Fox* (fox@uhc1.edu), 603 Woodcombe, Houston, TX 77062. *Algebra, Guided Discovery and a handheld Computer Algebra System: The Perfect Trio*. Preliminary report.

Discussed will be the use of the computer algebra system (CAS) on a handheld graphing calculator and 'guided discovery' teaching techniques as tools to learn important concepts and procedures in algebra topics. The CAS will be used a development tool and not one which necessary replaces students' paper-pencil competency in algebra. Specific examples of guided discovery activities using the CAS will be highlighted to demonstrate the general idea. (Received September 20, 2007)