Helping Children Learn to Add
An Application for the Macintosh
by
Mike Kazmierczak

This application (version 2.0) is designed to aid children in learning to add. Problems on varying levels of difficulty are presented and the child is given two chances to give a correct response. Four levels of difficulty are provided; Easy, Medium, Hard and Very Hard. The maximum values of the addends are 5, 8, 11, and 14 respectively. Using the Macintalk Speech Synthesizer (Apple Computer, Inc.), the computer can speak the problem, answer, and a random phrase indicating whether the correct answer was given or not. Macintalk can be obtained from most bulletin boards or from dealers. If Macintalk is not installed, then chords are played to indicate a correct (high) or incorrect (low) answer.

This program follows the Macintosh interface much better than version 1.0 (my very first program with ZBasic). About Add... allows the shareware information to be displayed. Quit (Command-Q) returns to the Finder. To change levels of difficulty, just click anywhere in the left window to activate it and restart.

Version 2.0 also has the option of selecting 2 or 3 addends. Just pull down the numbers menu and select Two (Command-2) or Three (Command-3) and then the Go button.

This program was developed using ZBasic 5.0 and has been tested on a Macintosh SE with a DayStar Digital accelerator in both 68000 and 68030 modes.

This program is shareware, and as such, no fee shall be charged for its distribution (especially EduCorp, Budget Bytes and the likes), nor shall it be offered as an inducement to buy other software or hardware. If you find this software useful and decide to keep it, please send $5.00 to me at

X Systems
1789 Brandy Drive SE
Conyers GA 30208-3032

This will register you and entitle you to updates and information on additional educational products for the Macintosh. I can also be reached at M.KAZMIERCZ1 on GEnie, or kaz%nanovx.uucp@gatech.edu on INTERNET.