

BASIC MATH FLASH FACTS

for Apple,[®] DOS 3.3

About the program.

Basic Math Flash Facts is an enjoyable, effective method of practicing math facts for students in first through sixth grades. The program focuses on motivating students to quickly recall math facts they are expected to master. Success in advanced mathematics concepts is easier for students if they have automatic recall of basic facts and can concentrate on these advanced concepts as they are presented.

Who can benefit from the program?

The program contains individual lessons for the four basic math operations. The addition and subtraction lessons are appropriate for students in grades 1-6. The multiplication and division lessons are appropriate for students in grades 3-6.

How the program is organized.

The first math fact is shown on the screen for seven seconds then it is removed. The student is expected to answer the fact with speed and accuracy. If the fact is answered correctly, the next fact is displayed on the screen for 80 percent of the previous time. If the fact is answered incorrectly, or if the student did not respond within the time limit, the next fact is displayed for a period of time that is 25 percent longer than the previous fact.

Special features.

The program is equipped with an early exit option that enables a student to end play before completing a lesson. To exit early, press the **SHIFT** key and the * symbol simultaneously whenever an answer is expected.

Basic Math Flash Facts can be customized to present basic facts lessons to meet specific needs. For example, if a student needs extra drill and practice in addition facts 5 and 6, the program's parameters can be set so the student receives only addition facts containing 5 and 6.

To customize, type **TEACHER** when the program asks **Please type your name**. Type **911** for the Teacher Code. Select Customize Lesson from the Menu. Read carefully the instructions displayed on the monitor's screen.

NOTE: The Recordkeeper option is not available on this version of Basic Math Flash Facts.

Prerequisite skills.

Students reading at the second grade level or above can read independently the directions for Basic Math Flash Facts. Students in lower reading levels can use the program if they are helped through a lesson.

Students should have basic knowledge of the facts for the level selected.

How to use the program, step by step.

Instructions for working a Basic Math Flash Facts lesson are displayed on the monitor's screen. Read these instructions carefully before responding to them.

A capsule version of the sequence of a Basic Math Flash Facts lesson is shown here.

1. Load the Basic Math Flash Facts disk.
2. Select from the Lesson Menu.
3. Type your name (or **TEACHER** to customize, see Special Features).
4. Press **RETURN** when the program asks for a password.
5. Type **Y** for Yes or **N** for No to read instructions.
6. The first math fact appears.
7. A Reinforcement Frame appears after each problem.
8. The Results Frame appears after 15 problems have been presented.
9. Type **Y** for Yes or **N** for No in response to **Do you want to play again?**