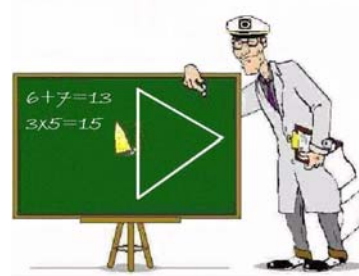


LAUNCHING MATHEMATICIANS WITH CAPJAXMATHFAX™



Some time near the beginning of the first grade children know the single digit numerals and can count to twenty. They also understand the concept of addition.

From this point, if the child has routine access to a computer outside of school and basic keyboard skills, it is now possible for teachers to employ, CapJaxMathFax™, a software-managed process that assures student mastery of the hundred or so basic addition facts.

CapJaxMathFax requires students to spend only a few minutes per session so it may take several months, but the process occurs pleasantly for the student and without measurable teacher effort or class time.

In addition to computational skill, by-products of the process are an abundance of early math success for the student and the invaluable experience of working independently and methodically toward a goal.

The student also gains the exciting and important experience of having fun with math.

While the CapJaxMathFax process unfolds and students build mastery of more and more difficult facts, teachers use class time to address the normal conceptual topics presented by their curricula. Student participation in these studies is more dynamic and productive because of the shared experience of math fact practice and students' growing computational facility.

Subtraction follows, usually before addition is completed, then multiplication and division. All may be accomplished routinely before the end of second grade.

In all cases, learning occurs as students first figure out problems on their own and then internalize solutions through repetition.

Little teacher time or effort is required, but interest and encouragement are vital. Since the process monitors and measures student achievement at every step, it is easy for students to show teachers evidence of their progress. Weekly computer-generated reports are sufficient to give teachers the information they need to supply meaningful feedback to students.

If teachers wish, students may also maintain parallel progress records on school computers. Since CapJaxMathFax is self-administering and since no premium is placed on how long a student takes to complete it, there is no requirement for teachers to become directly involved or to concern themselves with pace so long as the student's participation is steady.

School computers and time must be available for students who lack access outside of school.