

Introduction to MathsFacts in a Flash Software

MathsFacts in a Flash software helps you assess mastery of students' addition, subtraction, multiplication, division, squares and fraction/decimal/percent conversion facts. Students master each of 58 levels in the software by meeting time and accuracy targets. The software keeps track of students' work on each level and detailed reports give you an instant snapshot of student progress.

How Do My Students Use MathsFacts in a Flash?

1. *Baseline Test:* Students complete a 40-item timed test at the computer for each new maths level. Immediate onscreen feedback provides students with their time and accuracy results and shows any missed problems. If students meet the time and accuracy targets, they can attempt a lower time on the same level or previously mastered level, or move on to the next level.
2. *Individualised Practice:* If students miss any problems on the baseline test, they will be prompted to practise before re-testing. Practices in the software have a minimum of 20 problems. They are comprised of those missed on the baseline test and those identified as the most difficult for the level, along with any additional problems needed to meet the minimum number of problems. Student practice in the software is not timed. Students can also practise maths facts using NEO2s, flash cards, study charts or worksheets printed from the software, as well as any supplemental materials that you have in your classroom. Students can practise maths facts from home using Renaissance Home Connect™.
3. *Timed Tests for Mastery:* Students test in the software to demonstrate mastery of a level. They must answer 40 problems correctly within the allotted time. Students continue to test and practise on one level until they achieve mastery.
4. *Automatic Advancement:* When students master a level, they are automatically given the option to move to the next level, or they can retest any mastered level for a lower time.
5. *Instant Information:* Onscreen feedback lets students know how they are doing and detailed reports give you a snapshot of each student's progress.