

## Using Practices and Tests in the MathsFacts in a Flash Software

Students practise and test as they move toward mastery of a level in MathsFacts in a Flash. Students must test to master a level, but should not continually test without success. Practice will help students build the accuracy and fluency they need to demonstrate mastery.

MathsFacts in a Flash will prompt students to practise a level if they miss any problems on the baseline test. Practices in the MathsFacts in a Flash 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™.

Using classroom computers or NEO2s, students take tests in the MathsFacts in a Flash software to master levels. When they complete a 40-item test with 100 percent accuracy within the time target, they master a level. Two minutes is the default mastery time target.

Students will continually be presented with the option to practise or test as they work in the MathsFacts in a Flash software. It is up to you and each student to establish a plan of how or if to use practices in the software while working toward mastery. The Mandatory Practice preference requires students to complete a practice if they miss any problems on the baseline test. Although we do not recommend it, you can turn off the Mandatory Practice preference by going to the MathsFacts in Flash task list on the Renaissance Place™ Home page and clicking **Preferences > Mandatory Practice**; then, click the Mandatory Preference box to remove the tick mark.

When students practise maths facts offline using NEO2s or through Renaissance Home Connect, they may choose to practise or test at any level. In offline mode, students cannot master levels, but their practice and test data can be sent to Renaissance Place. Through reports, teachers can then see the type and number of practices and tests taken outside of the software. Because this data is unmanaged, the data sent to MathsFacts in a Flash Renaissance Place from Renaissance Home Connect or from offline NEO2 sessions is kept separate from other MathsFacts in a Flash report data.