IMAST Mathematics Sample Items (Grades 3-5)
(Beginning in Spring 2010)

The purpose of this Item Sampler is to provide examples of the types of questions that will appear on the mathematics portions of IMAST beginning in the spring of 2010. Each grade-level mathematics IMAST assessment will consist of multiple-choice items *only*.

This Item Sampler displays assessment items in both an ISTEP+ format and an IMAST format. In creating IMAST, modifications were made to assessment items with the intent of maintaining grade-level standard alignment while providing more accessibility for students. Possible item modifications in mathematics are listed below:

- Simplifying text
- Bolding key words
- Increasing white space
- Reducing the length of text
- Simplifying answer choices
- Eliminating least plausible answer choices
- Using simple numbers to assess skills and concepts

- Using bullet points to organize and highlight information
- Putting a box around the embedded formulas and conversions to highlight the information
- Using visuals to help clarify and/or provide supporting information about test questions

Example 1: ISTEP+ Grade 3 Item	IMAST Version
Samantha has 7 purple stickers, Beverly has 15 purple stickers, and Nicholas has 29 purple stickers. Which number sentence shows how many purple stickers Samantha and Nicholas have together? o 7 + 15 = ? o 7 + 29 = ? o 29 – 7 = ? o 7 + 15 + 29 = ?	- Sam has 5 stickers. - Bev has 10 stickers. - Nick has 20 stickers. Which number sentence shows how many stickers **Sam** and **Nick** have together? o 5 + 10 = ? o 5 + 20 = ? o 20 – 5 = ? o 5 + 10 + 20 = ? **Modifications:** Simplify and reduce text, use simpler numbers, bullet point key information, bold key words, increase white space

Example 2: ISTEP+ Grade 5 Item	IMAST Version
On Monday, Mrs. Robinson had $450.78 in her bank account. On Tuesday, she withdrew $200.00 from the account. On Wednesday, she deposited her paycheck of $112.50 into the account. How much money is in Mrs. Robinson's account now? A. $763.28 B. $363.28 C. $138.28 D. $112.50	- On Monday, Ron had $75.50. - On Tuesday, Ron bought a book for $7.25. - On Wednesday, Ron earned $13.75 at work. How much money does Ron have now? A. $96.50 B. $82.00 C. $54.50 **Modifications:** Simplify and reduce text, use simpler numbers, bullet point key information, reduce answer choices, increase white space