

Using Stemmed Questions

Preparing for GMAS

What are Stemmed Questions?

◆ *A series of questions where answer responses stem or depend on the previously answered question(s).*

◆ **Example** - *Question could be True/False. The answer to question 1 leads to answering questions 2 and 3 correctly. Question 2 is multiple choice and question 3 is constructed response.*

Why are Stemmed Questions Important?

- ✦ *Preparing students for GMAS - next generation assessments*
- ✦ *Scaffolding questions to show depth of knowledge of subject matter*
- ✦ *Illustrating the rigor and complexity of assessments*
- ✦ *Teaching students to process and think through the enhanced multiple choice questions - going through the steps of thinking through stemmed questions*

Response Types

- ◆ **Selected Stemmed Response Questions**
prompt students to select one or more responses for a set of options. Multiple choice or True/False.
- ◆ **Constructed Response Questions**
prompt students to produce a text or numerical response in order to collect evidence about their knowledge or understanding of a given assessment target.

Example

1. *Use estimation to decide if the sum of the problem is closer to 4,000 or 5,000.*

A. $496 + 1,404 + 2,605 + 489 =$

B. $671 + 2,504 + 2,605 + 889 =$

C. $496 + 1,404 + 3,245 + 1,191 =$

D. $596 + 1,404 + 2,605 + 889 =$

2. *In the space below, use numbers and words to explain your reasoning to the answer selected in number 1.*

Digital Examples

✦ *Videos with samples for each content will be posted on the Liberty County webpage - Teaching & Learning - Digital Library by end of September for your assistance.*

Where do we go from here?

- ✦ *Begin looking at upcoming units*
- ✦ *Develop a bank of questions to assess your unit that will mirror the examples provided today*
- ✦ *Go over assessment samples with students to prepare them for what it looks like & expectations*
- ✦ *Conduct assessments to prepare students*

Useful Resources

- ◆ *Kentucky DOE*
- ◆ *New York DOE*
- ◆ <http://www.smarterbalanced.org>