

Learning Objectives for Math requirement of Common Core Curriculum

The current learning objectives for Math are listed as follows:

Learning Objectives: Students will have acquired at least two of the following objectives.

1. Students will demonstrate proficiency at basic symbolic manipulation and calculation
2. Students will be able to produce and effectively communicate mathematical arguments.
3. Students will be able to design and use computational algorithms.
4. Students will be able to develop and apply techniques of mathematical modeling.

The HLC is unhappy with the format of these LO's (they don't want the "satisfy x out of y" format).

Proposed Revision:

1. Students will be able to perform symbolic manipulations by applying mathematical rules, definitions, and/or theorems correctly.
2. Students will be able to communicate in writing their understanding of mathematical concepts and support their claims using valid arguments.