

## Homework 2: Explaining concepts

**Script a segment of a lesson where a teacher explains to the class one of the ideas listed below. One or more textbooks will be very useful for you to do this homework as well as others. Visit the Curriculum library. Cite your sources and use quotation marks when applicable.**

Please do not write more than 3 pages. The most important thing is that you use the rubric and that you provide what you would actually use in explaining this idea to a class—not the length of the write-up.

This kind of scripting is eventually an exercise in planning—though your planning will, with practice, become quite a sketchy script.

- 1) In Algebra II: Explain the relationships between the position of a **parabola** with respect to the coordinate axes and the coefficients of the **polynomial function** that the parabola allegedly graphs.
- 2) In Algebra I: Function.
- 3) In Algebra II: Composition of functions.
- 4) In Pre-Algebra: Variable