

## Homework 4—Teaching a procedure or skill

Name:

Choose one of the following skills and outline an explanation of the skill. It should be an outline of key moves you would make in the explanation, not a script. If it helps think in terms of “index cards” or “bullet points” do that, feel free to represent the outline in any fashion you want. If there are lines that you feel you must quote as you would say them, use quotation marks for those. Present the outline along with annotations on the side in which you indicate how you are paying attention to the elements of the rubric. For example you can present this as a 2-column text/table where the left column has the outline and the right column has annotations that refer your moves to the rubric. Use the template below if you like.

Topics to choose from:

- 1) How to construct a perpendicular to a given line through a given point with straightedge and compass
- 2) How to solve a system of linear equations by substitution
- 3) How to find the expression of form  $y = A(x-h)^2 + k$  for a quadratic function which has been given in the form  $y = ax^2 + bx + c$
- 4) How to construct (with straightedge and compass) the circles inscribed and circumscribed in a triangle

Outline of moves in explanation	Relation to the rubric