ALGEBRA 2

Proficiency Scale: Linear Functions & Systems

Essential Learning Target: I can solve linear systems and state the solution in coordinate form.

Scoring Guidelines

SCORE 4.0

In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.

- ☐ I can model and solve a real-world problem using a three-variable system of linear equations.

SCORE 3.0

The student will:

- ☐ I can solve a three-variable system of linear equations and state the solution in coordinate form.
- ☐ I can solve a linear inequality and graph its solution.

The student exhibits no major errors or omissions.

SCORE 2.0

There are no major errors or omissions regarding the simpler details and processes as the student:
Recognizes or recalls specific terminology as:

- ☐ Domain
- ☐ Range
- ☐ Function
- ☐ Relation
- ☐ Input/Output
- ☐ Standard Form
- ☐ Slope Intercept Form
- ☐ Slope
- ☐ Parallel
- ☐ Perpendicular
- ☐ Intercept
- ☐ Point Slope Form
- ☐ System of Equations
- ☐ Coordinate Form
- ☐ Linear Inequality

Performs basic processes, such as:

- ☐ I can determine if a relation is a function and state the domain and range.
- ☐ I can evaluate a function with a given input or solve for a function's input given an output.
- ☐ I can put a linear equation in slope intercept form, standard form or point slope form.
- ☐ I can determine if two lines are parallel or perpendicular or neither.
- ☐ I can find the slope and y-intercept of a linear function.
- ☐ I can find the equation of a linear function given two points or the slope and one point.
- ☐ I can graph a linear function or linear inequality.
- ☐ I can use substitution, elimination or graphing to solve a two variable linear system.