Name_____ Period _____ Date _____

Social Networking

STEM Sims

Lesson 1: A Horrific Exam Day

Exam time is often stressful for many people. Solving logic problems also gives many students a similar uneasy feeling. Using a grid helps some people organize and solve logic problems. Are you ready to come up with a solution to Ele's problem?

Doing the Science

1. Start the Social Networking Simulation by clicking on the "Sim" tab.
2. Click on the icon next to Ele's Horrific Exam Day.
3. The purpose of the simulation is for you to determine which subject exam Ele has at what time with which teacher.
4. Follow the on-screen instructions to move the different data to its appropriate place on the solution table in the simulation. Click and drag data, such as the Subject (ALG2), to its proper Period in the table.
5. You can link two pieces of data together, such as a teacher name and subject, by dragging one item and placing it on top of another item in the data field. Click the Undo button to "unlock" the two items from each other.
6. Once you have completed the on-screen solution table, record your data in Table 1 below.
7. Click the "Check Answer" button to see how well you completed the task.
8. You can click the "Reset" button at any time to clear all of your previous work and start over on the problem.

Table 1.

	Period 1	**Period 3**	**Period 4**	**Period 5**
Subject				
Exam Length				
Teacher				

Do You Understand?

1. Were you successful in solving the problem? Regardless of whether you were successful or not, discuss how you went about solving the problem.

2. Describe a real-world application of the problem-solving approach you used to solve Ele's Horrific Exam Day problem.