Name: _____ Section: _____

Self Assessment – Scientific Method

Directions: Consider each of the following learning targets (objectives) and use the rating scale below to rate yourself based on how well you think you understand or can explain the learning target.

I have no understanding and/or knowledge of the learning target (objective) — **0** — **1** — **2** — **3** — **4** — **I have a complete understanding and/or knowledge of the learning target (objective); *I can be the teacher***

Learning Target *(Objective)*	Pre-Lesson Rating	Post-Lesson Rating
1. List and describe the appropriate steps for solving a problem – The Scientific Method		
2. Explain the relationship between observations and inferences		
3. Effectively use a variety of resources to gather reliable information/research		
4. Describe and compose an appropriate hypothesis		
5. Describe and identify the terminology (control, constants, variables) used when performing the scientific method		
6. Compare and contrast the two types of data		
7. Identify the components of and create appropriate charts and graphs		
8. Perform and apply the steps of the scientific method in order to solve a problem		

Directions: At this point, you have identified how well you understood the learning targets for this topic prior to the lesson and after the lesson. Since you will be taking an assessment on this information in the near future, it is now necessary for you to identify learning targets that may still need some reviewing. For each learning target that does not have a rating of three or four, list the learning target below and describe what you are still having difficulty understanding. **Take some time to revisit/review any resources that will help improve your understanding.**