



## 7<sup>th</sup> Grade Science “I can Statements”

### Quarter 1: Unit I

**Scientific Inquiry Learning Target #1: I can identify questions that can be answered through scientific investigations.** (Scientific Method-Queens Have Expensive Diamond Crystal Crowns)  
*Step #1 of SM*

**Scientific Inquiry Learning Target #2: I can design and *conduct a scientific investigation.*** (*All Steps of SM*)

**Scientific Inquiry Learning Target #3: I can use appropriate mathematics, tools and techniques to gather data and information.** (*Step #4 of SM*) ~using correct lab tools safely!

**Scientific Inquiry Learning Target #4: I can analyze and interpret data from graphs, tables & charts** (*Step #5 of SM*)

**Scientific Inquiry Learning Target #5: I can develop descriptions, models, explanations and predictions**

**Scientific Inquiry Learning Target #6: I can think critically and logically to connect evidence and explanations.** (*Step #6 of SM*)

**Scientific Inquiry Learning Target #7: I can recognize and analyze alternative explanations and predictions** ~*Assumption Stories*

**Scientific Inquiry Learning Target #8: I can communicate scientific procedures and explanations.** (*Step #7 of SM*)

**Scientific Inquiry Learning Target #9: I can tell the difference between independent and dependent variables.** (“Dependent Variables Depend on Independent Variable”)

**Scientific Inquiry Learning Target #10: I can explain how variables and controls can affect an investigation.** (Too many independent variables, constants must be the same, etc.)

