7 Science Study Guide Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Key Terms** **Scientific Method Hour**

Observing

Quantitative observations

Qualitative observations

Inferring-inference

Predicting

Classifying

Models

Data table

Graph

Testable questions

Conclusions

**Experimental Design**

**Control**

**Constants**

**Manipulated/independent variables**

**Responding/dependent variables**

**Operational definitions**

**Repeated trials**

**Hypothesis**

**Scientific Theory**

**Scientific Law**