Name:

Chapter 1: Scientific Processes Notes

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| Steps | Guiding Questions/Information |
| Create a Compelling Question  (What do you want to know?) |  |
| Research what you know | Observations  Inferences  Scientific Research |
| Hypothesis  (Based upon your research, what do you think you’ll see?) |  |
| Experiment  (Test your hypothesis) | Independent Variable  Dependent Variable  Constant |
| Analyze Data  (What happened?) | Patterns |
| Report/Conclude  (Was your hypothesis correct? Why/Why not?) | Importance? |

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| Chapter 1 Vocabulary | |
| Term | Definition |
| 1. Control Group |  |
| 1. Experimental Group |  |
| 1. Spontaneous Generation |  |
| 1. Biogenesis |  |
| 1. Theory |  |
| 1. Law |  |