|  |  |
| --- | --- |
| Scientific Investigation | 1. Forming Hypothesis 2. Testing Hypothesis 3. Data collection 4. Interpreting Data 5. Communicating Results |
| Hypothesis | (?) from observation  Must be testable = carry out an investigation |
| Testing a Hypothesis | Experiment to test hypothesis |
| Variable | All factors that can be changed in an experiment |
| Controlled Experiment | ONLY one Variable is changed at a time |
| Data collection | Gathering data from observations  senses = sight, hear, touch, smell |
| Interpreting data | Analyzing data  Charts, tables, graphs |
| Communication data | Come to a conclusion |
|  |  |