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| Scientific Investigation | 1. Forming Hypothesis
2. Testing Hypothesis
3. Data collection
4. Interpreting Data
5. Communicating Results
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| Hypothesis |  (?) from observationMust 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 dataCharts, tables, graphs |
| Communication data | Come to a conclusion |
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