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| **http://www.nearctica.com/nathist/amphib/Frog.GIFScientific Process:**  **data collection** |

1. Collect \_\_\_\_ kinds of \_\_\_\_\_\_\_
   * 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data
        1. such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
     2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data
        1. such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Collect data from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_trials (increases \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of results)
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_raw data in a data \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
   * + 1. Table must be \_\_\_\_\_\_\_\_\_\_\_, with straight lines and clear writing (can be word processed)
       2. Row and column \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
       3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ could be:
          1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_variable

* Order from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, if appropriate
  + - * 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_variable
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to represent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ trials
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (where appropriate)
  + - 1. Can be done using \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      2. Specific \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
         1. \_\_\_\_\_ vs \_\_\_\_\_ or…
         2. What is the \_\_\_\_\_\_\_\_\_\_ of the IV on the DV? Or….
         3. The effect [insert your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_variable] on [insert \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ variable]

**Generalized Table**: Fill in this generalized table for an investigation with multiple trials

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| --- | --- | --- | --- | --- | --- |
| **Column for IV, labeled with units** | **Column for DV, labeled with units** | | | | **Column for derived quantity, labeled with units** |
| **Trials** | | | |
| **1** | **2** | **3** | **etc.** |
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**Example:**

Title: *The effect of heating time on temperature of water*

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