Experimental Design Diagram: **Scientific Method Projects:**

Name Teacher

Project Category: Project Number:

|  |
| --- |
| Title: |

|  |
| --- |
| Question: |

|  |
| --- |
| Hypothesis |

|  |
| --- |
| **Independent Variable** : |

|  |  |
| --- | --- |
| **Level of Independent Variable:**  **(experimental groups)** | **Number of Trials\*** |
|  |  |
|  |  |
|  |  |
| **Control:** |  |

\* Note: Minimum Number of Trials Plants – at least 5 plants per experimental group

Human Participants – at least 30 subjects per experimental group

General – at least 3 trials per experimental group

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| --- |
| **Dependent Variable** (specify units of measure)=  Is this a Qualitative measure  Or Quantitative measure? (Check one box) |

|  |
| --- |
| **Constants:** |

|  |
| --- |
| **Safety Concerns:** |

Forms needed for this project:

* Seton Entry Form, Forms 1,1A+ Research Plan, 1B

Special Conditions:

* Form 2 (Qualified Scientist)
* Form 3 (Risk Assessment)
* Form 4 (Human Participants)
* Sample Informed Consent for Human Participants
* Form 5A (Vertebrate Animals
* Form 6A (Microbiology)