Experimental Design Diagram for **Scientific Method**

Name Teacher

Project Category: Project Number:

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| --- |
| Title: |

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| Question: |

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| Hypothesis |

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| **Independent Variable** : |

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

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

Human Subjects – 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): |

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| **Constants:** |

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| **Safety Concerns:** |