Experimental Design Diagram- **Engineering Design Project**

Name Teacher Category: Project Number:

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| --- |
| Title:  |

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| --- |
| Define A Need:  |

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| --- |
| Design Criteria  |

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| --- |
| Key Features of Preliminary Design:  |

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| --- |
| Goals for testing prototype:(*e.g. productivity, measured action, etc)* |

Item tested: # Trials

Prototype Test

Standard Design Test

Measured Success of Prototype Action (units):

|  |
| --- |
| Criteria for Projected Modifications: |

|  |
| --- |
| 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)