Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period/Class: \_\_\_\_\_\_\_\_\_

**Math Studies Project Template**

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| --- | --- |
| **Introduction** | |
| **Title:** |  |
| **Clear Statement of Task:** |  |
| **Why did you choose this topic?** |  |
| **What do you know about this topic?** (Can include research/cited sources) |  |
| **Detailed Plan:** (Specify which techniques you will use for each stage and the purpose of each.) |  |

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| **Information/Measurement** | |
| **How did you gather information?**  Why? How does this contribute to the quality of your data? |  |
| **Survey Questions** What is your reasoning for these questions?  (If applicable) |  |
| **Do you have enough data?**  Why or why not? Did you try to find a representative sample? Explain. |  |
| **Attach the raw data:** |  |
| **How have you organized the data for further analysis?**  (Attach it to this form) |  |

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| **Mathematical Processes** | |
| **Simple Math Process I**  *(For example, percentages, areas of plane shapes, graphs, trigonometry, bar charts, pie charts, mean and standard deviation, substitution into formulae* ***and any*** *calculations and/or graphs using technology only)*  **Show your work:**  **How is this relevant to your statement of task?**  What else do you need to know? |  |
| **Simple Math Process II**  **Show your work:**  **How is this relevant to your statement of task?**  What else do you need to know? |  |
| **Further Math Process**  *(For example, chi-squared test, correlation, statistical tests and distributions, compound probability)*  **Show your work:**  **How is this relevant to your statement of task?**  What else do you need to know? |  |
| **Additional Math Processes**  **Show your work:**  **How is this relevant to your statement of task?** |  |

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| **Interpretation of Results** | |
| **What are your conclusions / interpretations?**  *Reference the mathematics that supports these conclusions.* |  |

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| **Validity** | |
| **What are the limitations of your findings?**  Why?  What could you do to extend this project? Why might this be significant? |  |