

Math Studies (SL) IA Project Calendar
2015-2016

Date	Task	Description
Dec 7 th	Initial Planning for Project Decide on a topic	Fill out the sheet and hand it in.
Dec 22 nd	Criterion A: Introduction	<p>An introduction should include a clear statement of task and a clear description of the plan. This will include your topic, specific research question(s), a description of your sample, and a plan for how you are going to collect your data and analyze your data.</p> <p>You must also include a title page at this stage and a survey if appropriate.</p> <p>Make sure the following questions are answered:</p> <ul style="list-style-type: none"> A. Do I have a meaningful title? B. Do I have a clear statement of task stated explicitly, and does it describe what I am researching/what question I am trying to answer? C. Do I have a clear description of the plan, describing how my task will be performed (including how I will obtain data and how I will analyze it?) D. Did I include my own thoughts and predictions of what the answer to my research question will be? E. Did I give some background information on my topic? F. Did I discuss why I wanted to research this topic? <p>In The sample IA's what were common themes that you saw mentioned:</p>

<p>Jan 11th</p>	<p>Criteria B: Information/Measurements</p>	<p>Revise your title page and introduction.</p> <p>Include your data (Information/Measurement section). Make sure that it is sufficient in terms of quantity and quality. Also, make sure that it is well organized (in the form of a table) and clearly labeled.</p> <p>Raw data should be included in appendix.</p> <p>In The sample IA's what were common themes that you saw mentioned:</p>
<p>Jan 20th</p>	<p>Criteria C: Revised Introduction, Data Collection, and Mathematical Processes. (2 mathematical processes by hand)</p>	<p>Revise your title page, introduction, and data (Information/Measurement section). Add data to make sure that it is sufficient in terms of quantity and quality. Revise processes. Keep in mind:</p> <ol style="list-style-type: none"> 1. Do your questions match your data and analysis? 2. Clearly show work and check calculations carefully. Communicate what you did in a coherent manner. 3. Use appropriate mathematical language and notations. <p>In The sample IA's what were common themes that you saw mentioned:</p>

<p>Jan 28th</p>	<p>Complete Criteria D: Interpretation of Reults.</p>	<p>In addition to previous revisions, this should include the Interpretation of Results. Questions to consider:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Did I produce at least two conclusions based on my mathematical processes? <input type="checkbox"/> Did I discuss how I interpreted the results of my mathematical processes? <input type="checkbox"/> Are my conclusions and interpretations <i>consistent</i> with the mathematical process? <input type="checkbox"/> Do my conclusions relate back to my original research question? <input type="checkbox"/> Is my discussion of my interpretations and conclusions "comprehensive"? <p>In The sample IA's what were common themes that you saw mentioned:</p>
<p>Feb 3rd</p>	<p>Complete Criteria E: Validity .</p>	<p>Questions to Consider:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Did I address the issue of whether or not my mathematical processes were appropriate in this context? <input type="checkbox"/> Did I discuss why the mathematical processes used are applicable in this context? <input type="checkbox"/> Did I comment on any limitations to the mathematical processes that I used? <input type="checkbox"/> Did I comment on the reasonableness of my conclusions/interpretations? <input type="checkbox"/> Did I include any limitations and/or qualifications relating to my conclusions/interpretations? <input type="checkbox"/> If I acknowledged that I needed more information/measurements, did I explain why? <input type="checkbox"/> Did I suggest possible extensions of this project?

<p>Feb. 8th</p>	<p>Criteria F and G: Interpretation of Structure and Communication, Notation and terminology</p>	<p>Transitions & flow/reads well Math is completed in the right order Focused and contains only relevant discussions Bibliography Terminology and notation are used correctly *Inseart graphs. Comment after each graph or table or mathematical test*</p> <p>In The sample IA's what were common graphs that you saw mentioned:</p>
<p>Feb. 18th</p>	<p>Rough draft including all components!!</p>	<p>You will need to submit the <i>completed project</i> as if you were going to have it sent to IB. <u>Carefully review the rubric.</u></p> <p>We will take at least a week to look over your projects, make suggestions, etc. Then, they will be handed back to you for final revisions. This will be assessed using the IB rubric this time!</p>
<p>March 4rd</p>	<p>Final deadline for Project submission</p>	<p>On, or before this date, your projects should be submitted to your teacher. Grade your own paper using the rubric before submitting it.</p>

The deadlines for your IA are listed above. **These are firm deadlines! Deadlines will only be changed at teacher's discretion.** Each section is required to be turned in at the **start of the class period** on the day it is listed. If you miss a deadline, a section can be turned in 1 class period late for a maximum grade of 50%.

If you are absent when a specific part of the IA is due, you are still required to turn that part of the IA in by the deadline since you have received plenty of notice as to when the deadlines are. You can email me any part at any time.