

MA2S INDEPENDENT RESEARCH

2011 / 2012 Calendar

Proposal/Scientific Background/Literature Review

DATE	BLOCKS	TASKS	DUE	POINTS
9/9/2011	1 only	* Introduction to research * Work on selecting groups * Work on proposal idea		
9/16/2011	1 only	* Work on proposal ideas * 1 proposal only	* Group Selection Due * Assign Mentors	
9/19/2011	none		* All proposals are due at the beginning of school	x2
9/23/2011	1 only	* Lecture on creating scientific background information paper and literature reviews * Lecture on plagiarism * Work on gathering scientific background information and <i>literature reviews</i> * All Proposal returned		
9/29/2011	All	* Meet with mentor teachers to discuss and refine project		x3
9/30/2011	All (If needed)	* Meet with mentor teachers to discuss and refine project		

Data Collection/Experimentation

DATE	BLOCKS	TASKS	DUE	POINTS
10/7/2011	1 only	* Start Experiments	* Background Papers due * Final proposal due	x8 x5
10/13/2011	1 only	* Work on data collection	* 1st data check-in (turn in notebook)	x2
10/21/2011	1 only	* Work on data collection * Must input data into Google Docs Spreadsheet	* 2nd data check-in (turn in notebook)	x4
10/28/2011	1 only	* Work on data collection	* 3rd data check-in (turn in notebook)	x4
11/4/2011	1 only	* Work on data collection	* 4th data check-in (turn in notebook)	x4
11/11/2011	1 only	* Work on data collection	* 5th data check-in (turn in notebook)	x4
11/18/2011	1 only	* Work on data collection	* 6th data check-in (turn in notebook).	x4
11/21/2011 11/22/2011	ALL ALL	* Trimester Exams or Tests * Trimester Exams or Tests	* No exams at the Academy	40 points
12/2/2011	1 only	* Work on data collection	* 7th data check-in (turn in notebook)	x4

Data Collection/Experimentation (Continued)

12/9/2011	1 only	* Work on data collection	* 8th data check-in (turn in notebook)	x4
12/16/2011	1 only	* Work on data collection	* 9th data check-in (turn in notebook) * Data Spreadsheets due	x4 x2

Data Analysis

DATE	BLOCKS	TASKS	DUE	POINTS
1/6/2012	All (If needed)	* Lectures about statistical analysis		
1/13/2012	All	* Lectures about statistical analysis Stats Assignment		
1/20/2012	All	* Individual groups meet with mentor * Revisions for Background Paper * Work on statistical analysis	Stat assignment due on flash drive	x4
1/27/2012	1 only	* Individual groups meet with mentor * Work on statistical analysis * Background paper reminder		
2/3/2012	1 only	* Lecture on <i>Methods and Materials and Results</i> * Work on writing individual <i>Methods and Materials and Results</i> sections		
2/9/2012	All (If needed)	* Meet w/ mentors regarding background papers and Stat. Analysis * Lecture on <i>Introduction and Discussion</i> * Work on writing hybrid <i>Methods and Materials and Results</i> sections	* Statistical Analysis Meeting * Background Paper Meeting Background Paper Due	x5
2/10/2012	All (If needed)	* Meet w/ mentors regarding background papers and Stat. Analysis * Work on writing individual <i>Introduction and Discussion</i> sections	* Statistical Analysis Meeting * Background Paper Meeting	x5

DATE	BLOCKS	TASKS	DUE	POINTS
2/16/2012	1 only	* Peer critique of <i>Methods and Materials and Results</i> sections. One group only using Google Docs comment boxes * Work on writing hybrid <i>Introduction and Discussion</i> sections	* Individual <i>Methods and Materials and Results</i> sections are due using Google Docs. You must do this to get credit for the Hybrid * Group Hybrid <i>Methods and Materials and Results</i> sections are due using same Google Docs Document as individuals	x2 GHMM & x2 GHR
2/16/2012			* Hard Copy Critique of <i>Methods and Materials and Results</i> sections.	x2 total
2/24/2012	1 only	* Peer critique of <i>Introduction and Discussion</i> sections. One group only using Google Docs comment boxes * Lecture on writing Abstract and Conclusion sections * Work on writing individual Abstract and Conclusion sections	* Individual <i>Introduction and Discussion</i> sections are due using Google Docs. You must do this to get credit for the Hybrid * Group Hybrid <i>Introduction and Discussion</i> sections are due using same Google Docs Document as individuals	x2 GHI & x2 GHD
2/24/2012			* Hard Copy Critique of <i>Introduction and Discussion</i> sections.	x2 total
3/1/2012	ALL	* Trimester Exams or Tests		40
3/2/2012	ALL	* Trimester Exams or Tests		points
3/9/2012	1 only	* Work on writing hybrid <i>Abstract and Conclusion</i> sections * Work on writing final paper		

3/16/2012		*Work on writing final paper	* Individual Abstract and Conclusion sections are due using Google Docs. You must do this to get credit for the Hybrid. * Group Hybrid Abstract and Conclusion sections are due using same Google Docs Document as individuals	x2 GHA & x2 GHC
3/23/2012	1 only	* Peer critique of entire paper. One group only using hard copy .	* Group Hybrid typed (double-spaced) hardcopy of entire paper due (4 copies required) * Hardcopy Critique of entire paper	x3 x2
3/30/2012	1 only	* Lecture on appropriate formatting of final paper * Work on creating final paper using Google Docs for Teacher critique. No formatting necessary.		
4/13/2012	1 only	*Work on writing final paper. No formatting necessary	* Final paper hard copy for Teacher Critique Due. No Formatting Necessary.	x5
4/20/2012	1 only	* Teacher critique returned * Lecture on creating and presenting a professional PowerPoint presentation * Work on final paper with formatting * Begin working on PowerPoint presentation.		
4/27/2012	ALL	*Work on PowerPoint presentation	* Final Group Hybrid typed (single-spaced) hardcopy of <i>entire paper</i> with all appropriate formatting.	x10

DATE	BLOCKS	TASKS	DUE	POINTS
5/3/2012	ALL	* Rehearse Power Point presentation with mentors	* Power Point presentations due for 12th	x2
5/7/2012	none		* Power Point presentations due for 9th - 11th	x2
5/9/2012	All	*Presentations - Senior Presentations		x14
5/16/2012	All	*Presentations - Conference Style all other grades		x14
				40 Points