

Science Symposium Schedule 2020

Date	In Class	Suggested HW
Thurs 2/20 Fri 2/21	Roll out in classes	Find group! Start brainstorming ideas... SS Brainstorming Doc
Pre Tue 3/3	<ul style="list-style-type: none"> Following Assembly: Science Symposium Roll Out <ul style="list-style-type: none"> Science Symposium PPT Proposal Template Brainstorm project ideas - what key question will you explore/ investigate/ answer? Share all ideas and decide on one with guidance. Talk to your science teacher before writing it up. Begin work on proposal. 	Find group! Start brainstorming ideas... See the Science Symposium main site for past years' projects and some posters from previous years to see what has been done. Please see your teacher(s) if you need help brainstorming!
Pre Mon 3/9	Know your groups and share with your teacher	Put together proposal & equipment lists using the Proposal Template
Pre Mon 3/16	8 am: Proposals and equipment lists due	
Pre Tues 3/17	Science Department Retreat, 12:30 - 4:30 pm - review proposals	
Week beginning: 4/13	Week 1 of training sessions! <ul style="list-style-type: none"> Rewrites due by 8 am 4/16 	Rewrite proposals due by 8 am 4/16
Week beginning: 4/20	Week 2 of training sessions! <ul style="list-style-type: none"> Human Research HERE PPT HERE Informed Consent HERE Youth Assent-Parent Permission HERE Assent Form HERE 	If you will be working with human subjects: <ul style="list-style-type: none"> Make copies of forms and tailor to your experiment identify your participants and collect the appropriate consent forms before Day 1.
	NOTE: Day cut from last year's schedule!	
Day 1 Fri 5/1	<ul style="list-style-type: none"> Meet in your regular classroom for attendance 	Each person spends 45 minutes <i>minimum</i> on your project.

Tues 5/5	<ul style="list-style-type: none"> Friday: Seniors will mentor the junior groups as they set up experiments and perform first test runs. Tues: Groups will set up experiments and perform first test runs. Exit ticket: check in with your teacher (experimental design, outline of research project, key terms/notes, procedure, plans for interactive component, etc.) 	<ul style="list-style-type: none"> Revise written methods based on test run Set up any remaining components Finalize data collection tables Document your work to show your teacher. <p>If you did not do a test run during class, you must run through experiment in tutorial.</p>
Day 2 Wed 5/6 Thurs 5/7	<ul style="list-style-type: none"> Data collection Exit ticket: check in with your teacher showing your data, research etc.) 	<p>Spend 45 minutes minimum on your project each.</p> <ul style="list-style-type: none"> Complete your introduction section. Utilize research from your proposal. Begin to create publishable results tables. Begin abstract outline
Day 3 Fri 5/8 Mon 5/11	<ul style="list-style-type: none"> Finish data collection Analyze data <ul style="list-style-type: none"> Graphs Charts Calculations Finish Research Continue exhibit construction, if applicable 	<p>Spend 45 minutes minimum on your project each.</p> <ul style="list-style-type: none"> Analyze data <ul style="list-style-type: none"> Graphs Charts Calculations Finish Research Continue exhibit construction Work on writing sections of poster <p>Write a draft of your abstract</p>
Day 4 Tues 5/12 Wed 5/13	<ul style="list-style-type: none"> Pair up with another group and share the abstract/summary of your work Finish analysis of data Interpretations of results Work on Abstract & writing sections of poster 	<p>ABSTRACT DUE 8am via Google Form. Share the final draft of your abstract google doc with your teacher(s) and Jon Bretan <u>with editing rights</u>.</p>
Day 5 Thurs 5/14 Fri 5/15	<p>ABSTRACT DATABASE ENTRY!</p> <ul style="list-style-type: none"> Final edits of analysis/interpretations 	<p>Draft all sections of your poster (Poster guidelines)</p>

	<ul style="list-style-type: none"> Decide on layout of poster Student pairs feedback to other groups 	
Day 6 Mon 5/18 Tues 5/19	Finalize Poster: (Poster guidelines): Peer edit swap with one other group. Check your abstracts on the Science Symposium Directory.	<ul style="list-style-type: none"> Finish edits based on peer review Gather all materials for display/exhibit
Day 7 Wed 5/20 Thurs 5/21	Presentation Practice! Finalize edits after presentation practice and turn in your poster for printing by the end of class. Link to submit poster Printing!	Please check with your “Assessing Teacher” (listed on the Science Symposium Directory) in order to coordinate any equipment needs you may have for your display, helping to set it up before school on Friday
Fri 5/22 11:10 - 12:10 SIC	Science Symposium! - All students stand with their poster at lunch and field questions from outside scientists, students, faculty and wider MA community.	
Day 8 Fri 5/22 Tues 5/26	Visiting posters	
Day 9 Wed 5/27 Thurs 5/28	Reflection and cleaning Collaboration Reflection	