

To complete the Science Fair, you will need internet access to access the Douglas County Science Fair Handbook, to research possible topics, to complete your literature review, and to finalize your project. You may work with one other student.

If you will be working with humans (questioning, observing, experimenting on, surveying, etc.) you must have SRC approval before experimentation begins. Your form 1A must be approved by the county office before beginning. Turn in the proposal form, found on the next page by October 11th, so that we can determine if you need to get prior approval.

The essential sites include:

- DCSS Science Fair Handbook: <http://queenwhitley.com/files/documents/science-fair-guidelines-2019-b00k.pdf>
- Intel ISF Forms: <https://student.societyforscience.org/intel-isef-forms>
- Ga. Science and Engineering: <http://www.georgiacenter.uga.edu/youth/academic-special-programs/georgia-science-and-engineering-fair>

The required forms for the Science Fair include:

- Project Proposal (I will give you)
- Parent permission letter (I will give you)
- Douglas County Checklist #1
- Douglas County Checklist #2
- Form 1: Adult Sponsor Checklist (only if you go to the district fair)
- Form 1A: Student Checklist (only if you go to the district fair)
- Form 1B: Approval Form (only if you go to the district fair)

ALL forms can be found at: <http://queenwhitley.com/sciencefair>

Other forms may be needed if you qualify for the regionals, including an abstract form.

Additional Documents	Needed or optional	When should it be done/completed
Detailed logbook with dates	Required for the DCSS fair- One per project	Begins when planning project, continues through duration, and after project is completed.
Research Paper	Required for the DCSS fair- One per project	After completion of the experiment
Abstract	Required for regionals and state but optional for district, but is <u>highly recommended for district fair as well.</u> One per project	After completion of the project
Justification of electricity	If you need to use electricity	It will cost \$100 at the state fair if you need electricity.

2019-20 DCSS Student Science Fair Timeline

Critical Dates	Item/Event Description
October 4, 2019	Deadline for students to return SIGNED parent permission letters
October 9, 2019	Deadline for logbook purchase
October 11, 2019	Topic Deadline/Topic Approval. Checkpoint #1 Worksheet Due
October 11, 2019	Last day to submit project proposal form. If needed, I will submit proposal to SRC/IRB for approval. You cannot begin your experiment until it has
October 22, 2019	Checkpoint #2 Worksheet Due (Required County Grade)
October 25, 2019	Final day for the development of the initial experiment plan (teacher should approve)
October 31, 2018	Final day for students to BEGIN experiment
November 18, 2019	Rough Draft Due (including cover-page, partial abstract (excluding results), table of contents, introduction, background information, hypothesis, procedures, and materials. Students should exclude results from experiment, as they may still be experimenting). Abstract form at http://student.societyforscience.org/forms
November 27, 2018	During this time: Tri-Panel Display, logbook and formal report due to teachers; projects should be presented to the class, and graded as well.
December 12, 2019	School Science Fair
January 4, 2020	FOR THOSE GOING ON TO THE DISTRICT FAIR...Deadline for 3 required GSEF forms needed at region fair (checklist for adult sponsor, research plan 1A, and approval plan 1B). http://student.societyforscience.org/forms
January 27, 2020	Projects may be set up at the annex (Murray Center) from 3:00-5:30 this afternoon
January 28, 2020	Set-up, judging and interviews at the Annex (unless otherwise noted). All set up should be completed by 10:00AM this morning. Judging begins at 1:00. Student interviews begin at 4:00PM
January 30, 2020	Douglas County School System Science Fair Award Ceremony and Project Removal Project viewing for public 5:15-6:15; Awards ceremony begins at 6:30PM
Feb. 7 th 2020	University of West Georgia Regional Science Fair.

Mandatory Project Proposal Form- STEM Fair

Name of Teacher: _____ School: _____ Date: _____

Student or team names: _____

Possible Project title: _____

Category (Circle one):

Science Investigation Engineering (Design/Invention) Computer Science (Design/Invention)

Give a 3-4 sentence explanation of your proposed project:

Place a check under yes or no for each category. If you check yes to any of the categories, your project will need to be reviewed by the DCSS SRC/IRB Committee for safety. In that case, your teacher will scan and email your proposal to casey.bethel@dcssga.org He will submit it to the SRC/IRC for further review. This process will take from 5-7 days and **YOU MUST WAIT FOR APPROVAL before you begin your experimentation.** For project that have all "NO" checks, the teacher can approve it directly and you can begin your experimentation.

YES	NO	
		Human subjects are involved (even if it is just asking them questions for a survey) and even if you experimenting on yourself only.
		Vertebrate animals- including pets and activities like fishing
		Animal tissue or DNA/rRNA
		Radiation or chemicals not usually found in the home
		Controlled or hazardous substances
		Any microorganisms- (bacteria, viruses, fungi, etc)- this includes swabbing and growing bacteria in petri dishes and experimentation with bread mold
		Disease causing agents
		Explosives