

Science Research Summer Assignment 2024

All students in grade 11 and 12 taking science research should join the summer assignment Google Classroom for additional resources. The classroom code is **dmovgbb**

Grade 11 - Regulated Research Institution Project (with a mentor)

1. Please create a Google drive folder titled "ISEF forms 2024-2025" and share the folder with Ms. Walsh. All of the forms required for your project should be placed in this folder. Forms 1B, 2 (if required), 3 (if required), 5A (if required), 5B (if required), 6A (if required), and 6B (if required) should be completed before returning to school at the end of summer.
2. Complete a research plan following the guidelines of the Regeneron ISEF research plan requirements found as part of form 1A.
 - a. Templates and examples are available on Google classroom

Grade 11 - In-house Project (without a mentor)

1. Identify a topic of interest that you wish to research. This topic may relate to a science course, previous year of science research, or a personal experience. The topic should include an exploration of a science field/topic that you are highly interested in.
2. After identifying a topic of interest, read 5 peer-reviewed primary or secondary articles published in the past 3 years on the topic of interest. The articles should be annotated and a written summary, minimum of 500 words, of each article should be included. Include a citation of the article at the beginning of the summary.
3. Complete a research plan following the guidelines of the Regeneron ISEF research plan requirements found as part of form 1A.
 - a. Templates and examples are available on Google classroom
4. Provide a materials list for your project. Include all materials that you believe you will need for your project. Try to keep all items from the same vendor but it is not a requirement. Look at vendors such as Flinn Scientific (<https://www.flinnsci.com/>), Daigger (<https://www.daigger.com/>), or Carolina Biological (<https://www.carolina.com/>).
 - a. Templates and examples are available on Google classroom
 - b. NOTE: organisms allowed - C. elegans, drosophila, most K12 bacteria/fungi, plants. For further information on allowed organisms please refer back to the ISEF rules that were discussed in class.
<https://www.societyforscience.org/isef/international-rules/>

Grade 12

There is no in-house project option for students in 12th grade, unless the project was completed in-house in the spring of 11th grade. Students must have a completed project at the beginning of the school year in order to be able to submit a Regeneron Science Talent Search application.

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2. Complete a research plan following the guidelines of the Regeneron ISEF research plan requirements found as part of form 1A.
 - a. Templates and examples are available on Google classroom

Deadlines/Due Dates

Students should be prepared to meet with Ms. Walsh during the first two weeks of school to discuss their summer assignments. Final summer assignment submissions will be due after these meetings have been completed.