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| **Idea Development – *September/October*** | |
| 1. Pre-Register for ISEF and get a meeting scheduled with an ISEF Coordinator |  |
| 1. Start your logbook |  |
| 1. Decide on a topic |  |
| 1. Review the Guidebook, especially the calendar included there |  |
| 1. Dig into the background research |  |
| 1. Define your research question or engineering goal |  |
| 1. Create your hypothesis or design criteria |  |
| 1. Complete the précis |  |
| **Research or Engineering Plan – *October/November*** | |
| 1. Develop a procedure for your invention or investigation |  |
| 1. Evaluate the risks associated with your project – think about potentially hazardous biological agents, hazardous activities, the safety of human participants, or the safety of vertebrate animals |  |
| 1. Write your Research or Engineering Plan and turn it in to Google Classroom |  |
| 1. Get comments on your research plan from teachers and then make revisions |  |
| **Experimentation or Invention – *November/December*** | |
| 1. Have your project approved by the SRC or IRB |  |
| 1. Apply for a grant if you need additional funding |  |
| 1. Order and collect all materials needed |  |
| 1. Schedule time in the lab/field/workshop |  |
| 1. Conduct your experiment or engineering process or observational study |  |
| **Data Analysis - *January*** | |
| 1. Attend a statistics seminar and schedule a statistics advising appointment to learn about data analysis |  |
| 1. Complete the Literature Review and Conclusions in Google Classroom |  |
| 1. Complete the Post Project Summary in Google Classroom |  |
| **Presentation Preparation *- February*** | |
| 1. Get your poster board ready (digital or analog) |  |
| 1. Prepare for interview questions by practicing with others |  |
| 1. Prepare all other presentation materials you will need, make sure you update your research or engineering plan so that it reflects any changes you made during experimentation or invention |  |
| 1. Compete at the CREST-Jane Goodall Science Symposium!! |  |

# Phases of ISEF – Beginning to End

The science fair project phases follow this general schedule. Months have been included to help students stay on track so that they are ready to compete at the regional fair in late February/early March. An individual science fair project may require more or less time in any phase and students should take a careful look at their calendars to see how they can best schedule their time.

Completing a science fair project is a big undertaking so all students should check in weekly with an ISEF Coordinator to ensure they are making steady progress in the field. Additional information about each of these steps can be found in the Guidebook and in the Google Classroom.