

HOW TO DEVELOP A SCIENCE FAIR: GETTING STARTED

- **DEPARTMENTAL SUPPORT**
 - **It is vital to the success of the development of a successful fair that a majority, if not all, of the school science department will provide energy and support for the fair.**
 - **The most successful way to implement the introduction of science inquiry through science fair projects is to designate it as a required part of the science curriculum of the school.**
 - **This ties directly to the Nature of Science standard in the current curriculum frameworks.**
 - **This will require every child to complete a project and will ensure that some of those will be very good while many will not. In all cases, the teacher will have addressed the topic of scientific inquiry very well in their curriculum.**
 - **This will encourage cross-curriculum opportunities.**
 - **Math through data analysis (i.e. data tables, graphs, statistical analysis, etc.)**
 - **Art through construction of the visual display board.**
 - **History through gathering of background information about the topic of research.**
 - **English through the written expression components of the project.**
 - **research plan**
 - **abstract**
 - **research paper**
 - **The project base learning will promote departmental unity.**
 - **Teachers will have to work together for the success of the students.**

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- **Unification will highlight the talents of the individual teachers in the successful program as a whole.**
- **Success will build departmental pride and encourage the move to compete in respective contests in other areas on the school campus.**
- **ADMINISTRATIVE SUPPORT**
 - **It is vital to the success of the development of a successful fair that administration (building principal, superintendent, and school board) will provide energy, resources, and support for the fair.**
 - **Helps fend off parent/student resistance.**
 - **Provide facility for the fair to take place.**
 - **gymnasium**
 - **auditorium**
 - **cafeteria**
 - **cafetorium**
 - **library**
 - **Funding for judges' hospitality on "fair day".**
 - **Provide support for necessities on "fair day".**
 - **tables**
 - **calculators**
 - **tabulators**
 - **Provide support for policies developed.**
- **Personal Support**
 - **Finding the necessary items needed to give personal support for development of a successful fair.**
 - **Local teachers operating successful programs to offer advice.**
 - **Regional fair directors and websites offering resources and help for getting a fair started.**
 - **State fair director and website offering resources and help for getting a fair started.**
 - **Intel ISEF resources found online to offer guidance and support of the teacher.**