

Why Do a STEM Fair Project?

2019-20

- Doing a STEM fair project integrates all the skills and arts that are usually taught separately in school. At the end of a finished product, the student will have used many of the following skills: reading, writing, spelling, grammar, math, statistics, ethics, logic, critical thinking, graphic arts, computer, planning, methodology, self-learning, and presentation skills.
- Doing a STEM fair project can be self-validating and exciting because it is not just practice. It involves real discovery of little known information of the student to the development of exciting, factual information connected to the world. The project is usually based on a scientific question or a designing interest to allow the student to use a process method to find an answer or develop a new product. Finding answers or learning of an outcome can be a powerful moment of discovery for the student. Participation in a STEM fair can improve self-esteem and self-confidence. A STEM fair project excites those who enjoy a challenge to instill an incredible feeling of independent achievement.