



4H Essay Contest Grade 5

Sponsored by: **KEEP SEVIER BEAUTIFUL**

Your essay is due at your February 4 H meeting.

On your essay include your name, address, grade, school and the name of your teacher.

Winning submissions will be announced on March 31, 2025.

Essay Instructions:

After reading the two articles from ReadWorks, "Solar Absorbers and the Future of Electricity" and "Dream Machines," use the information to write an informational essay. Be sure to use details from both of the passages to inform the reader how scientific discoveries lead to new technologies that can benefit the environment.

Connected Science Standard:

5.ETS1: Engineering Design

5.ETS2: Links Among Engineering, Technology, Science, and Society

- 1) Use appropriate measuring tools, simple hand tools, and fasteners to construct a prototype of a new or improved technology.
- 2) Describe how human beings have made tools and machines (X-ray cameras, microscopes, satellites, computers) to observe and do things that they could not otherwise sense or do at all, or as quickly or efficiently.
- 3) Identify how scientific discoveries lead to new and improved technologies.