



NQE Skill Development Program

The purpose of the program is to provide students and advisors an opportunity to explore STEM career opportunities and develop the skills needed in those career fields to be successful. The program centers around each of the competitive events in the National TSA Competitive Events Guide. The events are broken down into two challenges that focus on the process and the skills for each competitive event. The students will be given a little more than a month to develop a product for each challenge. The product will be uploaded to Texas TSA, judged, scored and ranked. Students and their Advisors will receive scores and feedback that will enable them to develop skills in identified areas. The NQE Skill Development Program includes the following events:

High School Events

Animatronics
Architectural Design
Biotechnology Design
Board Game Design
Computer-Aided Design (CAD) Architecture
Computer-Aided Design (CAD) Engineering
Chapter Team
Children's Stories
Computer Integrated Manufacturing (CIM)
Data Science and Analytics
Digital Video Production
Dragster Design
Engineering Design
Essays on Technology
Extemporaneous Speech
Fashion Design and Technology

Forensic Science
Future Technology Teacher
Geospatial Technology
IT Fundamentals
Music Production
On-Demand Video
Photographic Technology
Prepared Presentation
Promotional Design
Scientific Visualization (SciVis)
Software Development
Technology Bowl
Transportation Modeling
Video Game Design
Webmaster
VEX

Middle School Events

CAD Foundations
Chapter Team
Children's Stories
Digital Photography
Dragster
Forensic Technology
Inventions & Innovations
Junior Solar Sprint
Off the Grid
Prepared Speech
STEM Animation
Tech Bowl
Video Game Design
Website Design
VEX

NQE Skill Development Program Timeline:

September 27 - October 18, 2021	Enrollment Period
October 11, 2021	Challenge A Prompts Released
November 6, 2021 (Saturday)	Challenge A Test Window
November 15, 2021	Challenge B Prompts Released
November 15, 2021	Challenge A Submission Deadline
December 3, 2021	Challenge A Feedback Available
January 8, 2022	Challenge B Test Window
January 18, 2022	Challenge B Submission Deadline
February 1, 2022	Challenge B Feedback Available



Program Cost:

High School

- *High School Level all inclusive subscription includes THREE entries in each of the NQE events. (This breaks down to apx. \$4/entry) Additional entries can be added for \$25/entry/event - **\$400***
- *A la cart subscription includes THREE entries in 5 events (School's choice on events) - **\$150.00** (This breaks down to \$10/event)*
- *Individual Event includes 1 event with 3 entries/event (School's choice on events) - **\$60** (This breaks down to \$20/event)*
- *Single Entry - 1 event/1 entry **\$25***

Middle School

- *Middle School Level all inclusive subscription includes THREE entries in each of the NQE events. Additional entries can be added for \$25/entry/event - **\$175***
- *Individual Event includes 1 event with 3 entries/event (School's choice on events) - **\$60** (This breaks down to \$20/event)*
- *Single Entry - 1 event/1 entry **\$25***

[CLICK HERE TO ENROLL IN THE PROGRAM](#)