

Technology Student Association



"Learning To Live In A Technical World!"



What is TSA?

The Technology Student Association, known as TSA, is a national organization for middle school and high school students who are presently enrolled in or have completed a technology education course.

"The Technology Student Association fosters personal growth, leadership, and opportunities in technology, innovation, design, and engineering. Members apply and integrate science, technology, engineering and mathematics concepts through co-curricular activities, competitive events and related programs."



The TSA Creed

I believe that Technology Education holds an important place in my life in the technical world. I believe there is a need for the development of good attitudes concerning work, tools, materials, experimentation and processes of industry.

Guided by my teachers, artisans from industry and my own initiative, I will strive to do my best in making my school, community, state and nation better places in which to live.

I will accept the responsibilities that are mine. I will accept the theories that are supported by proper evidence. I will explore on my own for safer, more effective methods of working and living.

I will strive to develop a cooperative attitude and will exercise tact and respect for other individuals.

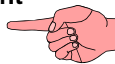
Through the work of my hands and mind, I will express my ideas to the best of my ability.

I will make it my goal to do better each day the task before me, and to be steadfast in my belief in my God and my fellow Americans.



Why Join TSA?

There is one primary benefit - OPPORTUNITY.



TSA gives students the opportunity . . .

- to experiment and to learn new skills
- to participate in community projects
- to work with leaders from industry and commerce
- to develop leadership skills
- to explore career options
- to receive recognition through awards and contests
- to explore applications of technology in today's world



National TSA

National TSA assists in the growth and development of its state delegations by promoting and managing these items/activities:

- co-curricular based programs
- a national conference
- a competitive events program
- publications and an online newsletter (*School Scene*)
- awards and recognition programs
- scholarship and achievement programs
- national officers program
- an internet web site
- assistance to state delegations and local chapters
- national service project



National Competitive Events High School Program

Animatronics	Flight Endurance
Architectural Model	Future Technology Teacher
Biotechnology Design	Manufacturing Prototype
Career Comparisons	Music Production
Chapter Team	On Demand Video
Computer-Aided Design (CAD) 2D, Architecture	Photographic Technology
Computer-Aided Design (CAD) 3D, Engineering	Prepared Presentation
Construction Renovation	Promotional Graphics
Debating Technological Issues	SciVis
Desktop Publishing	Structural Engineering
Digital Video Production	System Control Technology
Dragster Design	Technical Sketching and Application
Engineering Design	Technology Bowl
Essays on Technology	Technology Problem Solving
Extemporaneous Speech	Transportation Modeling
Fashion Design	Video Game Design
	Webmaster



National Competitive Events Middle School Program

Agriculture and Biotechnology Challenge	Leadership Challenge
Career Challenge	Manufacturing Challenge
Challenging Technology Issues	Medical Technology Challenge
Chapter Team	Prepared Speech
Communication Challenge	Problem Solving
Construction Challenge	Structural Challenge
Cyberspace Pursuit	System Control Technology
Digital Photography Challenge	Technical Design Challenge
Dragster Design Challenge	Technical Writing Challenge
Electrical Applications	Technology Bowl Challenge
Electronic Game Challenge	Technology Transfer Challenge
Environmental Challenge	Transportation Challenge
F1 in Schools (<i>independent event</i>)	TSA Cup: Marine Design Challenge
Flight Challenge	TSA Multimedia
Graphic Design Challenge	Video Challenge
Inventions and Innovations	



Publications and Services

School Scene
TSA's official online newsletter for middle and high school students. Posted three times per year.

Competitive Events Guides
The latest word on rules and regulations for all of TSA's competitive events. There are separate, customized high school and middle school editions, each of which is updated every two years.

The TSA Information Directory
Everything and everyone you need to know about for making the year a success, including names and addresses of helpful resources within the organization.

TSA Chapter Program Kit
An indispensable CD-ROM provided to affiliated chapters. It offers membership materials and operational information for chapters, including suggested monthly activities, fund raising ideas, descriptions of officer positions, etc.

TSA Store
Shop for official TSA attire, as well as TSA casual wear, when you visit the TSA Store from the TSA homepage (<http://www.tsaweb.org>).



Elementary level resources
The *Great Technology Adventure* guide and accompanying workbook provide fun, educational, technology-related activities that help integrate technology into the K-6 classroom.

Membership resources
National TSA has various items to support state delegations and local chapters, including brochures, a promotional video, flyers, posters, AV presentations, logo art, etc.

www.tsaweb.org
Get complete background information and TSA news on the home page. Stay informed about upcoming events and activities.

Member and Advisor Messenger
Stay up to date on the latest TSA news, announcements and deadlines. *TSA Member Messenger* is designed for student members and *TSA Advisor Messenger* is for advisors. Sign up to receive these email messages at www.tsaweb.org.

Membership Recognition

Star Chapters are chapters that help a new or inactive TSA chapter start up. The mentor chapter members receive White, Red or Blue Star lapel pins and their chapter is recognized in the *TSA Conference Program* and the *School Scene*.

The **30+ Membership Circle**, for chapters using the individual program, includes chapters that have affiliated 30 or more members. 30+ Circle chapters are recognized in the *School Scene*.

The **300+ Membership Circle**, for chapters using the Chapter Affiliation Program (CAP), includes chapters that have affiliated 300 or more members. 300+ Circle chapters are recognized in the *School Scene*.

The **Principal Certificate**, provided in PDF format to every affiliated chapter, is a venue for the chapter advisor to recognize the principal for support of the local TSA chapter and, at the same time, keep the principal informed of the chapter's activities and accomplishments.



Cost of Membership

TSA offers three curriculum-integrated membership programs. Each chapter chooses the program that works best for them.

Red Chapter Affiliation Program (Red CAP) A chapter affiliates up to ten members by paying a flat fee (additional members may be added during the year for a fee). The membership fee for Red CAP is \$90 at the national level plus state dues.

White Chapter Affiliation Program (White CAP) A chapter affiliates eleven or more members by paying a per member White CAP fee for state and national dues. The membership fee for White CAP is \$9 per member at the national level plus state dues.

Blue Chapter Affiliation Program (Blue CAP) A chapter affiliates an unlimited number of members in a school for a flat fee (typically effective when there are more than 25 members). This option is popular in chapters where students rotate through a STEM class for a portion of the year to enable all students to be members. The membership fee for Blue CAP is \$350 at the national level plus state dues.



State Dues

Red CAP \$70.00

White CAP \$7.00 per member
(eleven or more members)

Blue CAP \$250.00

Texas Chapter Fee \$25.00

Late Fee \$100.00

Late Fee Start Date

11/16/2011

National Dues

Red CAP \$90.00

White CAP \$9 per member
(eleven or more members)

Blue CAP \$350.00

Advisor Fee \$10.00



National TSA Conference

COMPETITIVE EVENTS

BUSINESS MEETINGS


LEADERSHIP TRAINING SESSIONS

Exciting and beneficial to everyone involved, the national TSA annual conference provides worthwhile activities that contribute to the personal growth and development of TSA students.

SOCIAL ACTIVITIES

DELEGATE ASSEMBLIES



SPECIAL INTEREST SESSIONS



National TSA Conference

Held each year in June, the national TSA conference gives a state delegation the opportunity to welcome the nation to its home. Past and future locations are as follows:


1979 Memphis, TN	1989 Winston-Salem, NC	1999 Tulsa, OK
1980 Gatlinburg, TN	1990 Corpus Christi, TX	2000 Atlanta, GA
1981 Tulsa, OK	1991 Tulsa, OK	2001 Richmond, VA
1982 Norfolk, VA	1992 Richmond, VA	2002 Denver, CO
1983 Houston, TX	1993 Nashville, TN	2003 Orlando, FL
1984 Knoxville, TN	1994 Orlando, FL	2004 Nashville, TN
1985 Orlando, FL	1995 Chicago, IL	2005 Chicago, IL
1986 Wichita, KS	1996 Louisville, KY	2006 Dallas, TX
1987 Baton Rouge, LA	1997 Washington, D.C.	2007 Nashville, TN
1988 Downingtown, PA	1998 Pittsburgh, PA	2008 Orlando, FL
		2009 Denver, CO
		2010 Baltimore, MD
		2011 Grapevine, TX
		2012 Nashville, TN
		2013 Orlando, FL
		2014 National Harbor, MD

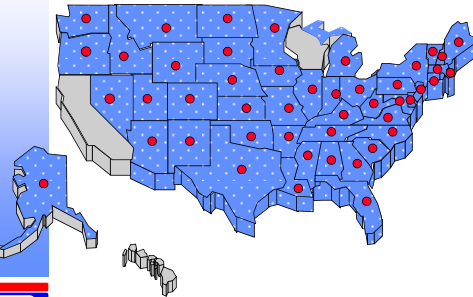

TSA State Delegations

Local school chapters of TSA affiliate with their state delegations every year. Each state delegation plans and supports a calendar of activities that helps technology teachers and students. These activities might include the following:

- state conferences for students and teachers
- state officer programs
- newsletters and publications
- competitive events, awards and recognition programs
- leadership and in-service workshops
- community service projects and fund raisers



Chartered/Active State Delegations





TSA in the School

Organizing a local chapter of TSA in a technology education program at your school involves many factors.

- an alert and vigorous membership
- an interested instructor/advisor
- a good working team of chapter officers
- the cooperation of the school administration

The most important factors to success are the teamwork and interest of the members and their determination to make *their* chapter a success.



Suggested Chapter Activities

Scholastic/Educational Activities

- explore topics in technology as part of a working group
- attend and compete in state and national conferences
- visit technology firms
- sponsor guest speakers, films, exhibits, etc.
- recognize outstanding faculty
- practice parliamentary procedure

Professional Leadership

- hold regular chapter meetings
- elect/serve as chapter officers
- produce a chapter newsletter
- participate in official ceremonies
- arrange assembly programs

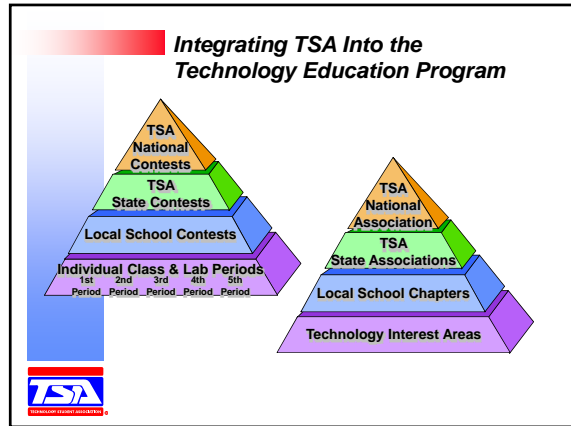
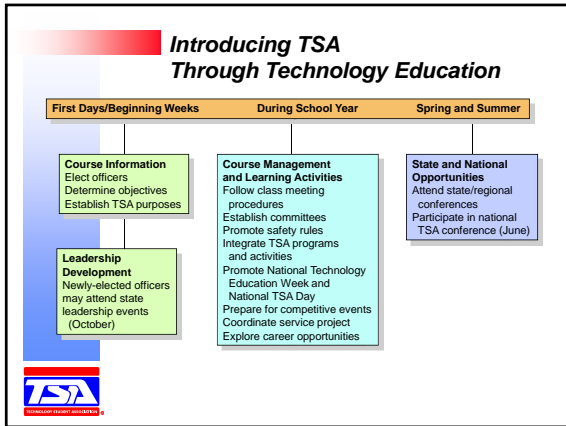
Civic and Community

- visit state government
- participate in community fund raising drives, safety campaigns, clean-up campaigns, etc.
- assist other school groups and work on school improvement projects

Social


- welcome new members
- plan cookouts, dances, hayrides, picnics, etc.
- sponsor athletic activities
- plan a talent night, skating party, scavenger hunt, etc.






Calendar of Activities

AUGUST	SEPTEMBER	OCTOBER
Plan Activities Train New Officers	Organize Management System Conduct First Chapter Meeting Establish Committees	Promote Safety and Efficiency with Tools and Materials Attend Fall Leadership Events Promote Membership and Involvement
NOVEMBER	DECEMBER	JANUARY
Produce Product or Service of Economic Value	Statewide Leadership	Invite Speakers and Arrange Tours of Technology



Calendar of Activities

FEBRUARY	MARCH	APRIL
Coordinate School or Community Service Project	Prepare and Register for Regional and State Competitions Explore Career and Education Program Opportunities	Sponsor Open House During Science and Technology Week National TSA Week
MAY	JUNE	JULY
State Contest Arrange Election of Officers for Next Year	Recognize Students for Achievements Participate in National Conference	Promote Technology Education at Fairs and Malls







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