Georgia TSA Statesman Award
Study Guide 2016-17

I. General Information about TSA

A. What do the letters "TSA" represent?
   Technology Student Association

B. 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.

C. TSA Motto
   Learning To Lead In A Technical World

D. Georgia TSA Mission
   The mission of Georgia TSA is to prepare its membership to be successful leaders and responsible citizens in a technological society through co-curricular activities within the technology education program; which include communication, leadership, and competitive skill development in the classroom/laboratory environment.

E. TSA Colors and What They Represent
   - **Scarlet (red)** represents the strength and determination of the technology education students and teachers to obtain their goal.

   - **White** represents high standards, morals, and religious beliefs.

   - **Blue (navy)** represents the sincerity of the technology education students and teachers in obtaining a greater knowledge of our technological world.

F. Description of TSA Logo
   The TSA Emblem is a rectangular shape with three parts. The middle section and largest part of the emblem contains the letters TSA in very large, bold print. The letters are white on a blue background. Below these letters and about 1/3 the size, is the name of the association - Technology Student Association - in white letters on a red background. The top portion of the emblem is a blank red rectangular shape, the same size as the bottom area. This portion is intentionally left blank so that each state can put their own name on the emblem if desired. The logo is a modern, futuristic symbol that represents the association's commitment to technology and its impact on the future.

G. Qualifications to be a Member
   "Active membership shall be open to middle/junior and senior high school students enrolled or previously enrolled in STEM's Engineering and Technology or approved career technical and agricultural education program who are members in good standing in the local (state and national affiliated) chapter of the school in which they are enrolled."

   ~Georgia TSA Bylaws

H. TSA Dress
   1. Official Dress
      Blazer: Navy blue with official TSA patch
      Ties: Scarlet red imprinted with official TSA logo (for males and females) Tie is no longer required for female official dress
      Shirt or blouse: Official royal blue TSA shirt with embroidered logo
      Pants or skirt: Light gray
      Dark socks: Males only (black or dark blue)
      Shoes: Black dress shoes (Athletic shoes, combat or work boots are unacceptable)
      Sandals: Females only may wear black open toe shoes or sandals

2. Professional Attire
Shirt:
    Males- button-up with turn down collar (T-shirt, polo or golf shirt are unacceptable)
    Females –blouse (T-shirt, polo or golf shirt are unacceptable)
Ties: Required for males, optional for females.
Dress pants/Skirt:
    Males- Dress slacks (Jeans, baggy pants, exterior pocket pants are unacceptable)
    Females- Dress slacks/skirts (minimum length is at the fingertips)
Dark socks (black or dark blue) Required for males, optional for females)
Shoes: Dress shoes or boots (Athletic shoes, combat or work boots are unacceptable)
Sandals: Only females may wear open toe shoes or sandals

3. Business Casual
Same as professional attire, however a tie is not required, and the shirt or blouse may be a polo or golf shirt; T-shirt or shorts are unacceptable.

I. State Service Project: **Leukemia/Lymphoma Society**

J. National Service Project: **American Cancer Society's Relay for Life**

K. Georgia TSA Foundation
    1. Purpose/Goals
To raise funds primarily by seeking, fostering, and maintaining relationships with business and industry and through seeking grants that support the Foundation's Mission. These funds will be used to make grants for the purposes of :
- funding the cost of GA TSA programs
- defraying the student members financial burden associated with participating in GA TSA conferences, competitions, and events which promote GA TSA and /or Engineering and Technology Education
- promoting and encouraging local school system support of the Engineering and Technology Education curriculum concurrent with a GA TSA chapter
- promoting and encouraging local chapter advisor involvement with and support of local GA TSA chapters
- promoting and encouraging students to pursue careers in the areas of science, technology, engineering, math and technology education by obtaining additional training after graduation in these areas

2. Mission
To provide ongoing financial support of the programs of the GA Technology Student Association (GA TSA) with the ultimate objective of encouraging students to investigate and choose careers and leadership roles in Science, Technology, Engineering and Math (STEM).

L. National TSA Headquarters: **Reston, Virginia**

M. Georgia TSA's Mailing Address
**Georgia TSA
P.O. Box 2304
Acworth, GA 30102**

N. Ways to Affiliate
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 $100 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 $10 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.

Georgia Dues:
Red Chapter Affiliation Program (Red CAP)
$100 National + $50 Georgia Dues
White Chapter Affiliation Program (White CAP)
$10 per member National Dues (11 or more members) + $5 per member Georgia Dues

Blue Chapter Affiliation Program (Blue CAP)
$350 National Dues + $300 Georgia Dues
Advisor Fee (all affiliation levels) = $10

Unified Dues
"*TSA operates under a unified dues policy, whereby members must affiliate and pay applicable dues at the local, state and national level.*"   *~National TSA website*

O. Website URLs
1. Georgia TSA **www.gatsa.org**

2. National TSA **www.tsaweb.org**

II. Who's Who in TSA
A.   Program Specialist for Engineering and Technology Education at the Dept. of Education : **Roger Ivey**

B.   Georgia TSA Executive Director and State Advisor : **Steve Price**

C.   National TSA Executive Director: **Dr. Rosanne T. White**

D.   President of the Board of Directors: **Casey Martin**

E.   National TSA Officers
President: Jack Crawford
Vice President: Zac Quinby
Secretary: Erin Sullivan
Treasurer: Javonate Williams
Reporter: Aala Nasir
Sgt-at-Arms: Lauren Kim

F.   Georgia TSA State Officers
President: Trevor Terry
1st Vice President: Austin Futch
2nd Vice President: Hannah Puckett
Secretary: Swapnil Lad
Treasurer: Raines Evans
Reporter: Alexander King
Sgt-at-Arms: Preston Crawford

III. TSA Conferences
A. The Annual Conference Theme: **"Defining Your Future"**

B. CORE

1.   What letters do the letters in the acronym "CORE" represent?
<u>C</u>hapter <u>O</u>fficer <u>R</u>etreat for <u>E</u>xcellence

2.   Purpose of CORE
The CORE program is designed to provide Georgia TSA local chapter officers with an opportunity to develop interpersonal and leadership skills, gain necessary knowledge and abilities to carry out the duties of their individual offices, and prepare a Chapter Program of Work for the upcoming year.
3.   Date/Location of CORE
September 2016   Kaplan-Mitchell Conference Center in Clayton, GA

C. Tech Day at the Georgia National Fair in Perry Ga
1.   Events/Challenges Offered:

Pre-Judged	**Judged on-site**
Georgia TSA Pin Design	Architectural Design
Membership Recruitment Challenge HS	Catapult Design Challenge
Membership Recruitment Challenge MS	Dragster Design Challenge
Promotional Design	Mousetrap Car Challenge
Shirt Design	Rube Goldberg
	Structural Bridge

2.   Date/Location of Tech Day
Monday October 2016 Reaves Arena at the Georgia National Fairgrounds in Perry, Georgia

D. Fall Leadership Conference
1. What is the Armada Boat Race?
A competition in which the objective is to design and build a boat using cardboard and duct tape that will successfully carry two passengers across a pool in the least amount of time

2. Date/Location of Fall Leadership Conference
November 11-13, 2016 Jekyll Island, Georgia

E. Georgia TSA State Leadership Conference
1. Events Offered: High School
(Refer to "Competitions" on the National TSA Website)

2. Date/Location of 2017 State Leadership Conference
March 17-19, 2016
Classic Center in Athens, Georgia.

3. What is due by the registration deadline of February 19th?
• Registration for State Conference
• Outstanding Student Applications
• Achievement Awards
• Tommy Pitchford Scholarship Application
• State Officer Candidate Forms
• Advisory Council Applications
• Posted Pre-Conference Competitive Events

F. National TSA Conference
Date/Location of 2017 National TSA Conference: June 21- June 25, 2017, Orlando, FL.

IV. History of TSA
B. GAIAC
1. What do the letters "GAIAC" represent? ***Georgia Association of Industrial Arts Clubs***
2. Who was the state supervisor of Industrial Arts Education and the first State Club Advisor when GAIAC was formed?
Raymond S Ginn
3. List 10 of the charter GAIAC clubs.
• ***Briarcliff High, Atlanta***
• ***Coffee County High, Douglas***
• ***Commerce High, Commerce***
• ***Cross Keys High, Atlanta***
• ***Dalton High, Dalton***
• ***Glennville High, Glennville***
• ***Jeff Davis High, Hazelhurst***
• ***Savannah High, Savannah***
• ***Warner Robins High, Warner Robins***
• ***Winder-Barrow High, Winder***

4. What were the four original competitions for students in GAIAC?
Essay Contest
Industrial Arts Club Exhibits Contest
Scrapbook Contest
GAIAC Sweetheart Contest
5. Where was the first state conference held? ***FFA/FHA Camp in Covington, GA***
6. What was the GAIAC motto? ***"Pride in Progress"***
7. What was the GAIAC creed? ***"I believe in the dignity of work and that through an understanding and promotion of the industrial arts, I can develop leadership, scholarship and craftsmanship and so be of greater service to my country and to mankind."***
9. Identify the GAIAC logo.

A. AIASA
   1. What do letters "AIASA" represent? *American Industrial Arts Student Association*
   2. What significant event happened in AIASA for the following years?

   1965: At the 27th AIAA (American Industrial Arts Association) Conference in Tulsa, the American Industrial Arts Student Association was officially organized

   1968: By this date the following events such as Prepared Speech, Drafting, Scrapbook, Industrial Technical Reports, College Bowl and Industrial Exhibits were added.

   1978: During the national student association, meeting at the 1978 AIAA Conference in Atlanta, Georgia, the nonprofit corporation, AIASA, Inc., was formed to oversee AIASA as a separate organization.

   1982: Election of the first female president, Mel Coker

   1982: To guarantee representation of the junior high programs, the office of 2nd Vice President was created in Georgia

   1984: Georgia AIASA moved its annual conference from Macon to the Radison/Castlegate Hotel

   1986: Ronald Barker became the Georgia AIASA State Advisor.

   1987: Computer Aided Drafting was introduced as a pilot event in Baton Rouge, Louisiana

   1988: At the National Conference, held in Downingtown, Pennsylvania, student delegates voted to change name of to the Technology Student Association (TSA).

   4. What is the organization that originally sponsored AIASA? *American Industrial Arts Association*

   5. Who were the two men in charge of Georgia AIASA once it was nationally chartered?
       Sam Powell and Harold Quinn

   6. Identify the AIASA logo.

C. TSA History
   1. What significant event happened in TSA for the following years?

   1989: The official TSA logo was designed by TSA chapter advisor Steve Price of Georgia. The membership adopted the logo through a national vote, for use on the national, state and local levels.

   1989: The first state-wide Fall Leadership Conference was held on Jekyll Island.

   1995: The Georgia TSA State Leadership Conference was moved from Atlanta to Perry, GA

   1996: The official competitive events were separated into two distinct levels and each had event guides designed for each.

   2000: Georgia TSA hosted the National TSA Conference

   2000: Tech Day was added

   2004: The first CORE was held at the FFA/FCCLA Camp

   2008: The Georgia TSA State Leadership Conference was moved from Perry, GA to Athens, GA

   2. Who was the first State Association Director of Georgia TSA? *Gayle Silvey*
   3. Who became the State Association Director of Georgia TSA in 2012? *Steve Price*

V. Parliamentary Procedures
   A. What is Parliamentary Procedure?

- System of rules that governs the conduct of TSA meetings
- Guarantees the rights of each members
- Originated in early English Parliaments
- Became uniform in 1876 when Henry M. Robert published his manual on Parliamentary Law
- The book used by TSA to answer questions concerning parliamentary procedure is *Robert's Rules of Order, Newly Revised*

B. Purpose/Objectives of Parliamentary Procedures
- One thing is handled at a time
- Courtesy to everyone is extended
- The majority rules
- The rights of the minority are protected

C. Officers and Their Responsibilities

President
- ❒ It shall be the duty of the president to **preside at all meetings**. In his/her absence, or with his/her consent, the 1st vice president shall preside at all meetings of the state association.
- ❒ The president shall appoint all committees except those provided for in the constitution and bylaws.
- ❒ The president shall be an **ex-officio member of all committees except the nominating committee**.

1st Vice President
- ❒ It shall be the duty of the 1st vice president, in the absence of the president, to assume the duties of the president.
- ❒ The 1st vice president shall **work and assist in securing new chapters** for the association.
- ❒ He/she shall serve as chairperson of the **nominating committee.**
- ❒ The 1st vice president shall serve in any other capacity as directed by the president.

2nd Vice President
- ❒ The 2nd vice president shall work and **assist in securing new chapters** for the association.
- ❒ He/she shall serve as **co-chairperson of the nominating committee**.
- ❒ The 2nd vice president shall serve in any capacity as directed by the president.

Secretary
- ❒ The secretary shall **keep accurate records** of each meeting of the association and the executive committee meetings.
- ❒ He/she shall prepare copies of all procedures and reports for the president and state advisor. It is the secretary's duty to notify members of the executive and advisory councils about meetings.
- ❒ The secretary is the chairperson of the **resolutions committee**.
- ❒ It shall be the duty of the secretary to serve in any other capacity as directed by the president.

Treasurer
- ❒ The treasurer shall **keep accurate records of membership and membership dues** as reported by the Executive Secretary and make treasurer's reports to the membership at business meetings.
- ❒ The treasurer shall serve as chairperson of the **auditing committee** and shall present an auditor's statement to the membership.
- ❒ It shall be the duty of the treasurer to serve in any other capacity as directed by the president.

Reporter
- ❒ The reporter shall be responsible **for keeping records, pictures, and other materials of historic importance to the association**.
- ❒ He/she shall serve as chairperson of the **publicity, public relations and public display committee**.
- ❒ It shall be the duty of the reporter to serve in any other capacity as directed by the president.

Sergeant-at-Arms
- ❒ It shall be the duty of the sergeant-at-arms to serve in any capacity as directed by the president.
- ❒ The sergeant-at-arms shall assist the president in **conducting meetings in accordance with the constitution and bylaws**.
- ❒ He/she shall check credentials of the delegates and seat same, and maintain order.
- ❒ He/she is responsible for **interpreting the constitution and bylaws**.
- ❒ He/she shall serve as **chairperson of the constitution and bylaws committee**.

D. Officer Symbols

President: The Gavel
Vice President: The Five-Pointed Star
Second Vice President: The Four-Pointed Star
Secretary: The Pen
Treasurer: The Balanced Budget
Reporter: The Beacon Tower
Sergeant-at-Arms: The Hearty Handshake

G. Room set-up for a formal business meeting.

	Sgt-at-Arms	*Reporter*	*President*	*Secretary*	*Treasurer*	*1st Vice President*	*2nd Vice President*

American Flag

Audience/General Membership

F. Parliamentary Words/Phrases
    Adjourn: To end a meeting
    Abstain/Abstention: To refrain from casting one's vote
    Agenda: a list of meeting activities in the order they are to be taken up
    Point of Order: A question raised as to whether proceedings are in order, or in conformity with parliamentary law
    Table a Motion: To postpone the discussion of something during a meeting
    Quorum: A gathering of the minimal number of members of an organization to conduct business
    Minutes: the official record of the proceedings at a meeting of a society, committee, or other group
    Motion: a formal step to introduce a matter for consideration by a group
    Privileged Motions: urgent matters that must be dealt with immediately, even if they interrupt pending business

VI. Other Opportunities

A. LEAP
    1. What does the acronym "LEAP" represent? Leadership, Education, Achievement, and Personal Growth.
    2. What are the five practices of becoming an exemplary leader that will be fundamental to LEAP? Model the Way, Inspire a Shared Vision, Challenge the Process, Enable Others to Act, and Encourage the Heart.
    3. What three word phrase represents the core philosophy behind LEAP? Be. Do. Know.
    3. When will LEAP be incorporated into TSA's competitive events? 2016-17 school year for high school and 2017-18 school year for middle school.

B. Real World Design Challenge
The RWDC is an annual competition in which aviation industry experts pose aerospace design challenges to high school students and provide them with access to real tools and resources in order to develop real solutions. By participating in this challenge, each team of students, accompanied by an advising teacher, will be given free access to some of the world's most powerful design and mechanical engineering software along with professional mentors to guide them along the way.

C. TEAMS
    1. What does the acronym "TEAMS" represent? Tests of Engineering Aptitude, Mathematics, and Science

    2. What is TEAMS? An annual competition for middle and high school students designed to help them discover their potential for engineering. During this one-day competition, students apply math and science knowledge in practical, creative ways to solve real-world engineering challenges.

D. Verizon Innovative App Challenge
    How to participate:
- Register your team of 5 to 7 students on the [Verizon Innovative App Challenge website](#).
- Follow the instructions of the items that are required for submission, including a concept overview, three-minute video and short essay responses explaining your team's concept.

VI. Awards and Recognition Programs

A. Achievement Awards
    1. Three Levels
- Bronze
- Silver
- Gold

    2. Four Categories
- Leadership Development
- Understanding Technology
- School and Community Service
- Career and Personal Planning

    3. Where the application form is located?
- On the **Georgia TSA website** in the Back to School Packet
- On the CD of materials **(Total TSA)** that a chapter receives after affiliating
- In the "Student Recognition and Achievement" section of the **National TSA webpage**

    4. When is the application due?
- On the same date that the State Leadership Conference registration is due

B. TSA Technology Honor Society
> **Purpose and goals**
> The **TSA Technology Honor Society** recognizes students for their efforts in academic studies, in leadership, and in services to their school and community.
>
> The goals of the Technology Honor Society are:
> - ✓ To motivate TSA members to work to improve and maintain high academic marks.
> - ✓ To promote the undertaking of leadership roles in school and community organizations.
> - ✓ To promote participation in service activities that benefits a school or community.
> - ✓ To recognize student concern for chapter, school, and community.

C. White Star Chapter
> Locate a prospective TSA chapter - a group of technology students in your community or state - which has not yet organized for TSA membership- and assist in the organization of a new TSA chapter.

D. Governor's Honors Program
1. **What is GHP?**
> The Georgia **Governor's Honors Program** (GHP) is a four-week summer residential instructional program designed to provide intellectually gifted and artistically talented high school students challenging and enriching educational opportunities not usually available during the regular school year.
> Activities are designed to provide each participant with opportunities to acquire the skills, knowledge and attitudes to become independent, life-long learners.
> The Georgia Governor's Honors Program is fully-funded by the Georgia General Assembly, and operates at no cost to the participant.
2. **Where is GHP held?** Valdosta State University
3. **When is GHP?** For four weeks during the summer
4. **How many students are selected to major in the Technology component of GHP?** 16
5. **Who is eligible for GHP?** Sophomores and juniors in public, private, and home schools are eligible to be nominated

E. Tommy Pitchford Scholarship
1. Who qualifies?
    - Applicants must have a grade point average of 3.0 or above.
    - Applicants must have applied to and be accepted by or already in attendance at a college or university in Georgia.
    - Recipient must major in Technology Education or a field of Engineering
2. How much is the award?
    - The GA TSA office handles funds in the following manner: $250.00 will be payable to the registrar of the post-secondary institution upon receipt of an official acceptance letter and prior to September 1. The remaining $250.00 will be sent upon receipt of documentation of a first semester/quarter cumulative grade average of 3.0 or above.

F. Tommy Pitchford Inspirational Teacher Award
1. History of the award
> In 1982, Dr. Harvey Dean, President of PITSCO, Inc. began a recognition program that honored middle and high school teachers. The **Jim Coffey Inspirational Teacher Award**, honored Mr. Coffey for the positive and lasting influence, which he had on Mr. Dean and many of his other students. Then in 2002, Georgia TSA lost a dear friend, **Mr. Tommy Pitchford** whom was also inspirational in the life of Dr. Dean and his family. In 2003, Dr. Dean requested that the Jim Coffey award be renamed as the **Tommy Pitchford Inspirational Teacher Award** to honor the memory of Thomas Pitchford. Mr. Pitchford was vital in creating the good natured, team spirited atmosphere of Georgia TSA.

2. How is the award determined?
> Award is presented to the advisor whose chapter ranks the highest in overall points at the State Leadership Conference with the stipulation that advisors can only receive the award once every seven years