

ACHIEVEMENT PROGRAM (BRONZE, SILVER, and GOLD AWARDS)

The TSA Achievement Program (bronze, silver, and gold awards) is designed to motivate and recognize student members for high effort in a school's technology education program. The TSA Achievement program is

- *an opportunity* for every TSA member to strive and receive recognition for accomplishments.
- *designed* to encourage excellence in the areas of leadership development, understanding technology, school/community service, and career/personal planning.
- *planned* so the highest awards represent outstanding individual performance.

The Technology Student Association Achievement Program provides opportunities for TSA members to attain the highest ideals and goals of TSA. This noncompetitive, self-initiated program encourages students to develop appropriate attitudes and increase their knowledge and skills through involvement in technology education programs and activities.

The basic goals of the Achievement Program are to

1. *inspire TSA members* to attain the high goals and ideals of TSA.
2. *promote active participation* at the school, community, state, and national levels.
3. *provide opportunities* that assist students in making informed and meaningful career and educational choices.
4. *develop leadership* and team participation abilities.
5. *recognize participation* in technology education programs and TSA.

LEVELS

The TSA Achievement Program is composed of three levels of achievement: bronze, silver, and gold. Everyone begins at the bronze level. When a member completes the required activities at the bronze level, s/he is eligible for the appropriate award and for work toward the silver level. Eventually, s/he may work for points toward the gold level. National TSA recommends working on the Achievement Program over a two-year period of time. The student strives to achieve the Bronze and Silver Awards in one school year, and the Gold Award during the following school year. This time frame is suggested in order to give the appropriate amount of time and effort to the projects/steps that are required to achieve each level and to maximize the learning experience.

RULES FOR STUDENT MEMBERS

1. In order to participate in the TSA Achievement Program, a student must be an active member in an affiliated, local TSA chapter.
2. The student may choose from the activities listed under the four achievement categories of leadership development, understanding technology, school/community service, and career/personal planning.
3. Each activity must be recorded on an activity resume (see Appendix A) and initialed by the local chapter vice-president.

4. When a minimum of twenty points has been accumulated in each category, and an additional twenty points from any or all of the categories, the student is eligible to submit the activity resume to the chapter advisor. A total of one hundred points is required to attain each level of achievement.
5. Following recommendation by the chapter vice-president, the chapter advisor verifies successful completion of the activities by signing the activity resume. Resumes for Bronze, Silver, and Gold Awards should be sent to and retained by state advisors. Resumes for these awards should not be sent to National TSA.
6. Points are cumulative from one award level to the next. The points earned for the Bronze Award count for the Silver Award, and the points earned for the Bronze and Silver Awards count toward the Gold Award. All points earned, beginning with the Bronze Award, must be listed on the activity resume each time the resume is submitted for a new level.
7. Points may not be claimed for activities prior to TSA membership.
8. Each activity may be claimed only once, unless otherwise indicated.
10. The local chapter vice-president verifies an activity only after the activity has been completed; the appropriate level. Local advisor verifies the activity resume once all activities are completed for the a
11. Activities must be dated and include the code number and a specific description.
12. The local vice-president retains a copy of each activity resume for chapter records and submits a copy to the TSA state advisor.
13. The TSA state advisor verifies a student's TSA membership and retains a copy of the activity resume for state files. Activity resumes are not submitted to national TSA.

AWARD PINS

Award pins are available for the Bronze and Silver Award levels from the TSA supply service. Contact the customer service department at Pitsco, Inc., 800.835.0686 for information. Pins for the Gold Award are typically awarded at the national TSA conference each year.

AWARDS PRESENTATION

Bronze Awards are presented at the local chapter or district level at special awards assemblies, awards banquets, special TSA banquets, etc. Silver Awards are presented at a special presentation session at state conferences. (Silver Award recipients unable to attend their state conference, may receive their awards at the local level.) Gold Awards are presented at the national TSA conference in one of the general sessions. (Gold Award recipients unable to attend the national TSA conference may receive their awards either at the state conference or at the local level.)

FEES

When submitting an Achievement Program activity resume for a Gold Award to the state advisor, each student must include a \$5 fee to cover the cost of materials (award pin) and processing. State advisors forward this fee and the list of Gold Award recipients to national TSA.

LEADERSHIP DEVELOPMENT

The following individual and group leadership development activities are designed to help the student develop the ability to plan, organize, and carry out worthy projects. They encourage the student to become a good leader and follower. Students should select and complete activities totaling a minimum of twenty points.

Code Points Activities

- 101 5 _____ Meet all chapter deadlines.
- 102 5 _____ Attend and participate in all chapter meetings.
- 103 5 _____ Serve on a major committee, such as finance, program of work, or nominations, etc.
- 104 5 _____ Prepare a chapter meeting agenda.
- 105 5 _____ Prepare a committee meeting agenda.
- 106 5 _____ Successfully complete a basic parliamentary procedure quiz.
- 107 5 _____ Lead a class discussion or demonstration.
- 108 5 _____ Recruit a new TSA member.
- 109 5 _____ Make and second a minimum of three main motions for passage at chapter meetings.
- 110 5 _____ Make a minimum of two privileged motions at chapter meetings.
- 111 5 _____ Make a minimum of two committee reports at chapter meetings.
- 112 5 _____ Debate a minimum of two motions at chapter meetings.
- 113 5 _____ Hold an office in another organization while a member of TSA.
- 114 5 _____ Recite (from memory) the TSA motto and creed at a regular TSA business meeting.
- 115 5 _____ Lead the invocation at a TSA function.
- 116 10 _____ Serve as a delegate at a regional, state, or national conference.
- 117 10 _____ Chair one of the major local committees.
- 118 10 _____ Chair one sub-committee, such as refreshments, entertainment, welcoming, guest speaker, etc.
- 119 10 _____ Plan and organize one service project.
- 120 10 _____ Plan and organize one fund raising project.
- 121 10 _____ Plan and organize one social function.
- 122 10 _____ Plan and organize one educational/technical activity.
- 123 10 _____ Serve as a chapter officer.
- 124 10 _____ Successfully complete an advanced parliamentary exam.
- 125 10 _____ Lead a session at a district, regional, state, or national conference or convention.
- 126 10 _____ Give a talk on technology education to a group not familiar with TSA.
- 127 10 _____ Report to a committee or your chapter officers on: the mascot, colors, and motto of your school the student council officers of your school the history of your school other student organizations in your school and what they do
- 128 10 _____ Report to a committee or your chapter officers (for one of the following levels: local, state, or national) on: the purposes of TSA as they are stated in the constitution the heritage and development of the association the names of the officers and their responsibilities the membership requirements of the association the times, dates, and places of meetings
- 129 10 _____ Attend a state or national TSA leadership conference.
- 130 10 _____ Assist in the preparation of a state or regional TSA conference.
- 131 10 _____ Explain to another student organization, student group, technology education class, or civic group about: TSA technology education the goals of TSA the benefits of being a member of TSA
- 132 15 _____ Serve as a state TSA officer.
- 133 20 _____ Serve as national TSA officer.

UNDERSTANDING TECHNOLOGY

The Understanding Technology activities in the TSA Achievement Program emphasize the importance of developing problem solving skills and a knowledge base for success in a technological society. The activities also help students become more aware of the need for

following safety procedures and for developing technical-industrial skills at home, in the technology lab, in the community, and in business settings. Students should select and complete activities totaling a minimum of twenty points.

Code Points Activities

- 201 5 _____ Demonstrate the safe use of three pieces of equipment in the technology lab.
- 202 5 _____ Demonstrate the safe use of ten tools.
- 203 5 _____ Pass a safety test with 100% accuracy for three pieces of equipment.
- 204 5 _____ Prepare a classroom/school bulletin board on a technology-related topic.
- 205 5 _____ Conduct a study on the safety practices used in the technology lab for a period of two weeks and report on it to the class.
- 206 5 _____ Make a CAD drawing.
- 207 5 _____ Write a program for use in the technology lab, i.e., a CNC program, or one that converts inches to millimeters, calculates the cost of a product, etc.
- 208 5 _____ Write a report on the use of lasers, fiber optics, artificial intelligence, computer control, or super conductors.
- 209 5 _____ Imagine how society may be revolutionized by technology in the near future and write a report on it.
- 210 5 _____ Prepare an oral report on the input-process-output-feedback principle of technology practices.
- 211 5 _____ Prepare a report on the use of alternative materials for a standard industrial product.
- 212 5 _____ Repair one item in your home that is not in working condition.
- 213 10 _____ Write a paper on the safety practices used in a local business or industry.
- 214 10 _____ Design and build a fixture for a production activity.
- 215 10 _____ Prepare a slide/tape or video program on safety in the technology lab.
- 216 10 _____ Prepare a written or oral report on the major advantages and disadvantage of products made of polymers.
- 217 10 _____ Build a model of an antique power system.
- 218 10 _____ Develop a bill of materials, flow chart, and illustration of a product suitable for manufacturing in the technology lab.
- 219 10 _____ Complete a product research activity such as the best type of computer disk, videotape, house paint, adhesive, etc.
- 220 10 _____ Write a report about a state-of-the-art production technique.
- 221 10 _____ Visit an industrial plant and make a flow chart of its operation.
- 222 10 _____ Design and construct a robot (pneumatic, hydraulic, or electrical).
- 223 10 _____ Assist in the development of a videotape.
- 224 10 _____ Prepare a written report on the development of electronics and its effect on society.
- 225 10 _____ Simulate a space shuttle mission.
- 226 10 _____ Research an aspect of technology and its effect on the environment and report on the findings to a technology education class.
- 227 10 _____ Compete in a local TSA event.
- 228 10 _____ Compete in a state TSA event
- 229 10 _____ Compete in a national TSA event.
- 230 10 _____ Assist an elementary teacher in integrating a technology education activity (from manufacturing, construction, communication, and transportation) into a class lesson (i.e., rocketry, conservation activities, etc.).
- 231 15 _____ Build a model of a modern communications system and explain the model to your class.
- 232 15 _____ Construct an apparatus that solves a problem using a combination of at least three systems, such as thermal, electronic, fluid, etc.

SCHOOL AND COMMUNITY SERVICE

Service is a basic element of a democratic society. The school and community service activities of the TSA Achievement Program help students develop positive attitudes and a desire for

servicing others. Students should select and complete activities totaling a minimum of twenty points.

Code Points Activities

- 301 5 _____ Participate in a service project.
- 302 5 _____ Serve on a membership drive team.
- 303 5 _____ Assist in a technology education open house.
- 304 5 _____ Assist in decorating the school for a holiday event.
- 305 5 _____ Plan activities for Teacher Appreciation Week.
- 306 5 _____ Participate in a patriotic parade.
- 307 5 _____ Observe legal proceedings at a court session.
- 308 5 _____ Attend a city or county government meeting.
- 309 5 _____ Attend a school board meeting.
- 310 5 _____ Design and make a patriotic display.
- 311 5 _____ Attend a student council meeting.
- 312 5 _____ Meet with the chapter advisory committee at one of its regular meetings.
- 313 5 _____ Attend a state legislative session, hearing, or committee hearing.
- 314 5 _____ Write to a state or national member of congress on a current legislative issue.
- 315 5 _____ Bring and introduce a member of a civic club to a local TSA chapter meeting as your guest.
- 316 10 _____ Assist the TSA chapter advisor as a lab assistant.
- 317 10 _____ Visit another TSA chapter and assist in organizing a joint service project.
- 318 10 _____ Help organize and conduct activities at school for National Science and Technology Week, Vocational Education Week, or National Education Week.
- 319 10 _____ Make holiday toys for charity.
- 320 10 _____ Plan and direct a school service project.
- 321 10 _____ Plan and direct a chapter service project.
- 322 10 _____ Report to a technology education class or to another class on the qualities of a leader. Use TSA materials for guidelines.
- 323 10 _____ Attend at least two civic club meetings and report to the chapter advisor on what civic clubs are doing in the community.
- 324 10 _____ Give a report on TSA to a civic group or trade association (one that is not familiar with TSA) in the local area.
- 325 10 _____ Assist a technology teacher with tutoring in lower level classes.
- 326 10 _____ Assist in the installation of another chapter's officers.
- 327 5 _____ Assist in organizing another chapter.
- 328 15 _____ Plan and direct a community, state, or national service project.

CAREER AND PERSONAL PLANNING

TSA students share many common goals, objectives, and interests. They all should learn about their roles in a technical society. The career and personal planning area of the TSA Achievement Program provides activities that enable students to make wise personal decisions in selecting and preparing for a career. Students should elect and complete activities totaling a minimum of twenty points.

Code Points Activities

- 401 5 _____ Construct a poster size collage of one of the following occupations: construction communication transportation manufacturing
- 402 5 _____ Discuss with family members how and why they made their occupational choices. Summarize responses in a short written report.
- 403 5 _____ Using the newspaper, clip out five want ads for jobs that appeal to you, and write sample letters applying for the positions.
- 404 5 _____ Identify five strong personality traits that you have, and in a short written report tell how these traits might help you in a particular occupation.

- 405 10 _____ Ask a minimum of four adults (not family members) about their work and record their responses.
- 406 10 _____ Research and report on a minimum of four technological occupations from one of the following sources: Dictionary of Occupational Titles Occupational Outlook Handbook any sources other than the two identified above
- 407 10 _____ Make a flow chart outlining your career plans.
- 408 10 _____ Prepare a written report on the opportunities, working conditions, entrance requirements, etc. of a technology-related occupation of your choice.
- 409 10 _____ Give an oral report to the class on the opportunities for employment in one of the technology education systems of communications, construction, transportation, or manufacturing.
- 410 10 _____ Obtain and complete a job application from a local business or industrial firm.
- 411 10 _____ Prepare a written or oral report on where to look for job openings, how to apply, and how to follow-up on job prospects.
- 412 10 _____ Assist in arranging a class or chapter field trip to a nearby business or industrial firm.
- 413 10 _____ Assist in arranging a class field trip to a nearby university, community college, technical school, apprenticeship program, or other technical training program.
- 414 10 _____ Assist in arranging for a guest speaker from a business or technical firm or from any one of the programs or institutions listed above.
- 415 10 _____ Research and report to a class or chapter on the major economic elements of the local community or state.
- 416 10 _____ Write an article for the local newspaper, school paper, etc. on the benefits of technology education—preparing students for the 21st century.

