



Montana Technology Student Association

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2016 is Montana TSA's 25th Anniversary...

- For the first 22 years of our existence we managed on an annual budget of less than \$2,500.
- During most of those years we were in survival mode.
- We survived because of the passion, commitment, and drive of volunteers.
- In 2012 we were extremely close to dissolving the Montana TSA Charter.
- Then HB 86 was passed, giving us the shot in the arm we needed.
- During the past three years we have watched our membership grow almost out of control.

In less than three short years, Montana TSA grown from ...

139 members to 1076 members a 674% increase.

8 Chapters to 24 Chapters a 200% increase

10 Advisors to 29 advisors a 190% increase

We went from offering one yearly event to over 10 different activities for members.

This was all made possible because of the HB86 Grant!

Highlights due to HB86

- In professional development for chapter advisors we saw the greatest impact by the hiring of a State Director, Financial officer and the establishment of regional workshops and the summer update conference.
- For student leadership opportunities, TSA State Officers attended the Summer CTSO leadership camp, we send a delegation to the National TSA Conference, have established monthly hangouts between state and chapter officers and implemented 3 regional leadership workshops for advisors and members.
- Workforce skill development has been beefed up by adding more competitive events that are aligned to National STEM Standards. Our most successful event has been the addition of VEX Robotics, a premier STEM competition held worldwide. We watched the event grow from 6 teams to 25 registered teams this year.

Goal 2 – Professional Development for Chapter Advisors

MT ACTE Pre-Conference/& Conference, Billings

Completed 14/Oct/2015: (3 teachers in attendance) Presented at the New Teacher Workshop and business meeting at the MT ACTE Conference. Explained what TSA is, handed out information, demonstrated website.

T.E.A.M. Luncheon/Business meeting at MEA Conference, Belgrade

Completed 15/Oct/2015: (20 teachers in attendance) Presented at the Technology Education Association of Montana (T.E.A.M.) luncheon and business meeting at the MEA. Discussion was held on the HB86 Grant and the impact that it will have on Montana TSA. Goals and objectives of the grant were explained.

Education & Local Government Interim Committee

April 6, 2016

Exhibit 16

State Advisors will conduct regional leadership training for local chapters.

Completed 09/Nov/2015: (6 teachers and 23 student officers in attendance at Malta) We discussed using TrackIt forward to document service hours, as well as provided training for students. The state officers demonstrated the use of Google Hangouts to the attendees. We did a practice session to troubleshoot issues the may come up in future Hangout sessions. Due to the cost of travel, it was decided that Google Hangouts would be a good alternative for State officers to keep in contact and provide training to local chapters and advisors in the future. It was very successful. The state officers opened the meeting, made introductions, explained what HB86 was and how it was affecting the local chapters, discussed the many new changes to the TSA website making it more student friendly, State Leadership Conference changes, MCIS, Pathways and Job shadowing. Then advisors broke off to work with the State Advisors to discuss the affiliation process; form changes for the Leadership Conference, record keeping procedures, and the goals of the HB86 grant.

TSA State Leadership Conference. Chapter Advisor training, March, 2015.

Completed 30-31/Mar/2015: (17 schools, 172 students, 22 teachers in attendance) Metra Park, Billings State Advisors and State Officers held a forum for chapter advisors. Discussions were held on; changes we are making events to align with national events and standards; addition of another Robotics competition; the role TSA should play in the classroom; future of TSA in Montana, and realignment of national competitive events to align with STEM and common core standards. Our State Leadership Conference will be held next week, we have over 250 students pre-registered, our largest conference ever.

Summer Update Conference for TSA advisors; Industrial Technology; Technology Education and STEM teachers.

Completed 15-17/Jun/2015: (24 teachers/presenters in attendance) On the first night we had an Open Forum during a working dinner. There was great exchange of ideas, discussion of concerns, talk of future changes, common core, possible regional activities, and future schools to target. Mary Ellen Earnhardt from 21st Century Learning Centers did a presentation on SAE's AWIM program, and inserting it into your curriculum, Lidia Haughey did a presentation on linking TSA and TEECA program in the future as well as the teacher prep program at MSU. Glen Bradbury ran a workshop on the use of AutoCAD Inventor and Troy Smith presented on Arduino electronics. We have very good feedback, all teachers attending said they would come back this year.

National Leadership Conference - chapter advisor training in June, 2014, Washington DC.

Completed 27-Jun – 02/Jul/2014: (2- State advisors attended) State Advisors attended a variety of sectionals on leadership, pathways, STEM, and future conference event changes and additions. Attended daily meetings/forums designated for state advisors only as well as chapter advisor meetings and sectionals. We had the opportunity to learn from successes and failures of the other states programs. Craig sat on the National TSA Corporate Board.

Goal 3 – Student Leadership Opportunities

State Officers will conduct regional leadership training for local chapters.

Completed 09/Nov/2015: (6 teachers and 23 student officers in attendance at Malta) The state officers demonstrated the use of Google Hangouts to the attendees. We did a practice session to troubleshoot issues the may come up in future Hangout sessions. Due to the cost of travel, it was decided that Google Hangouts would be a good alternative for State officers to keep in contact and provide training to local chapters and advisors in the future. It was very successful. The state officers opened the meeting, made introductions, explained what HB86 was and how it was affecting the local chapters, discussed the many new changes to the TSA website making it more student friendly, State Leadership Conference changes, MCIS, Pathways and Job shadowing. Then advisors broke off to work with the State Advisors to discuss the affiliation process; form changes for the Leadership Conference, record keeping procedures, and the goals of the HB86 grant.

State Officers will attend the CTSO Leadership Camp in spring.

Completed 5-6/Jun/2015: (6 State Officers and 2 State advisors attended) Unfortunately this year's camp have to end early, our officers were disappointed. They felt that it was a fantastic experience. Officers participated in leadership training, ropes course, and program of work planning. During the two days we had individual meetings to work on the program of work, officer training, upcoming events, calendar, etc. The camp provided a great opportunity for our officers to bond with each other and the other CTSO officers. This event

jump started our State Officers setting up for another great year.

State officers & State Advisors attended National TSA Leadership Conference in Washington DC

Completed 27-Jun – 02/Jul/2015: (6 State Officers and 2 State advisors attended) State Officers attended training sessions during the conference, part of a program called "Ready, Set, Lead!" They received Leadership Pins and Leadership Certificates for their efforts. The session titles were; Encourage the Heart, Challenge the Process, Enable Others to Act, Model the Way, and Inspire a Shared Vision. Officers attended the delegate sessions, opening & closing ceremonies, daily sectionals and competitive events.

Monthly State Officer Conference Calls

Ongoing: (6 officers, 2 advisors in attendance, 8 meeting total) State officers had monthly conference calls to work on officer training activities, as well as the many updates that were being done to our state conference. Officers set up and utilized Google docs to share information and work on on-going projects. We held several state wide Hangouts in which officers from all chapters were invited. This is still a work in progress.

Goal 4 – Workforce Skill Development Hours

Compete in competitive events at TSA State Leadership Conference.

Completed 30-31/Mar/2015: (17 teachers, 172 students, 22 schools in attendance) There were 172 attendees from 22 schools that attended the TSA Leadership Conference in late March. Students participated in 19 different competitive events many of which are aligned to STEM standards. This year we have over 250 students pre-registered, this will be our largest conference ever. We have added four new events this year. Our Vex event has jumped from 6 team to the 25 teams this year. We are looking forward to a great conference

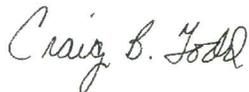
Provided resources to Chapters to develop curriculum and TSA programs

Completed 30/Sep/2015: (All TSA members and advisors) We added a resource area on our new website with the help of National TSA in the form of a promotional toolkit, a community outreach toolkit and an advisor toolkit. The toolkits had all the resources necessary for developing new programs or strengthen existing programs.

Introduction of a quality Chapter Program and Achievement Awards.

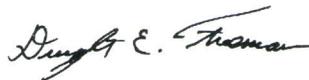
Ongoing: (All TSA members and advisors) This year we established a Quality Chapter Program. This is to encourage chapter advisors and members to become more involved in their association. We have so many new chapters and members this has been an exhausting task. We have also implemented Star Awards for chapter members who exhibit growth, leadership and skill development.

Regards,



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Montana Technology Student Association History

1991-2016

During the late 1980's and early 1990's many schools in Montana made the transition from Industrial Arts to Technology Education, to incorporate the new technologies being introduced at the National level. Because of this change, many Montana Technology Education Teachers became affiliated with the International Technology Teachers Association (ITEA) and saw a need to start a CTSO dedicated to Technology Education.

Montana needed a Career & Technical Student Organization (CTSO) that would fulfill the needs of existing Industrial Arts programs and the new Technology Education Programs, the Technology Student Association (TSA) was a perfect fit.

The Montana Technology Student Association received its charter July 24, 1991. Doug Polette, Professor at Montana State University, Craig Todd, Technology Ed teacher at Harlem and Dwight Freeman, Technology Ed teacher at Saco, were all integral in making this happen. In 1992-93 Montana TSA held its first state conference at Montana State University with good attendance, we knew that we were in for a good ride.

This year is the 25th anniversary for Montana TSA. Until recently Montana TSA existed only because of many people volunteering their time, energy and many times funds to keep the organization going. We started out with a bang seeing many new schools join. As time went on we saw the organization slowly dying. Without outside financial support we just couldn't find a way to grow. A short four years we were seriously thinking of dissolving the organization in Montana. Dwight Freeman and Craig Todd stepped up to the plate again, saying "they would keep it going until they retired in 5-6 years".

Well a lot has happened since then, shortly after Craig and Dwight took over the Montana legislature passed HB86, providing funds for Montana Career & Technical Student Organizations. They had to quickly complete the HB86 Grant Application, they had no idea what they were doing, but with some great help from the wonderful people at OPI. Instantly we were operated on an annual budget 10 times greater than the year before. In three short years we have seen our numbers grow from 139 members to over 900. We are currently bursting at the seams.

We will hold our largest State Leadership Conference ever this year, we added a VEX robotics competition several years ago. I may soon be larger than the rest of the Conference. With the current push of STEM in education throughout the country, National TSA has completely aligned their competitive events to align with the National STEM standards.

It is hard to believe that it is now 25 years later! We are growing faster than ever.