



Minnesota Technology Education Association  
An affiliate of the International Technology Education Association



## Minnesota Technology Education Association 2010 Resolutions September 24, 2010

### **ACKNOWLEDGMENT RESOLUTIONS:**

#### **A-10-1 Appreciation to the President:**

WHEREAS, Mr. Goeff Law, as President of the Minnesota Technology Education Association, has given so liberally of his time and talents and has exhibited an outstanding capacity for leadership, and

WHEREAS, the MTEA has made exemplary progress under his leadership, be it therefore

RESOLVED, that the MTEA, through its membership, officers, and Executive Council express its fullest appreciation to him.

#### **A-10-2 Appreciation to the Fall Conference Committee:**

WHEREAS, the 32nd Annual Fall Conference of the Minnesota Technology Education Association was made possible through the direct, dependable, and efficient service of a great number of MTEA members, and in as much as the Conference has achieved an outstanding level of success, be it therefore

RESOLVED, that sincerest appreciation is expressed to: Gary Gronquist, Executive Director and Fall Conference Chair; Dr. Mike Lindstrom, Program Chairperson; Paul Keeney, President-elect; Mike Livieri, Vendor Co-Chair; Brad DeKanick, Vendor Co-Chair; Jay Nix, Treasurer; Joel Ellinghuysen, ITEA Affiliate Rep; Mark Lockhart Special Displays and Signs and Secretary; Paul Keeney, Awards; Timm Smith, Tours; Mark Gable, MTEA Membership Chairperson; Bob Montesano, Registration; Eric Waldoch, Past President; John Rapheal, MDE Rep; Steve Ullrich and Mark Gable, Communications; Dr. Kurt Helgeson, Dr. Kirby Anderson and Dr. James

McCracken, University Assistance; and to many others not mentioned but who have contributed so much.

#### **A-10-3 Appreciation to the Fall Conference Supporters**

WHEREAS, the 32nd Annual Fall Conference of the Minnesota Technology Education Association was made possible through the direct dependable, and efficient service of other organizations, and in as much as the Conference has achieved an outstanding level of success, be it therefore

RESOLVED, that sincerest appreciation is expressed to the St. Cloud Chamber of Commerce, area businesses and the Holiday Inn and staff for their efforts.

#### **A-10-4 Appreciation to Fall Conference Vendors**

WHEREAS, the 32nd Annual Fall Conference of the Minnesota Technology Education Association was made possible through the contributions and programs from many suppliers and organizations, and

WHEREAS, the exhibitors continue to support and participate in the MTEA Affiliate meetings by contributing to the exhibits, software, hardware and prizes, and to this 32nd Annual MTEA Fall Conference, and in view of the excellence of this year's exhibits and presentations as a feature of the conference, be it therefore

RESOLVED, that the Minnesota Technology Education Association expresses its sincere appreciation to the exhibitors and vendors for their participation efforts and contributions in the 2010 MTEA Fall Conference.

#### **A-10-5 Appreciation to Fall Conference Presenters**

WHEREAS, the presenters continue to support and participate in the Fall Conference workshops and breakout sessions by contributing to staff development and professional growth at this 32nd Annual MTEA Fall Conference, and in view of the excellence of this year's presentations as a feature of the conference, be it therefore

RESOLVED, that the Minnesota Technology Education Association expresses its sincere appreciation to all presenters for their participation in the 2010 MTEA Fall Conference.

#### **A-10-6 Appreciation to the Teacher Recognition Program**

WHEREAS, the MTEA is dedicated to encouraging excellence in teaching, and in as much as its program of recognition of outstanding teachers is marked with increasing excellence, be it therefore

RESOLVED, that expressions of appreciation are tendered to Paul Keeney, Awards Chairperson, and his committee for their contributions and promotion of this program, be it also

RESOLVED, that appreciation is expressed to the officers and members of each area MTEA Affiliate who have participated in the teacher recognition program.

#### **A-10-7 Appreciation to the MTEA Administrative Board**

WHEREAS, Goeff Law, President; Paul Keeney, President-elect; Eric Waldoch, Past-President; Jay Nix, Treasurer; Mark Lockhart, Secretary; and Gary Gronquist, Executive Director, have given so liberally of their time and talent in providing outstanding leadership, and

WHEREAS, the MTEA has made exemplary progress under the leadership of these Administrative Board members, be it therefore

RESOLVED, that the MTEA expresses its appreciation to each individual.

#### **A-10-8 Appreciation to the State Fair Exhibitors**

RESOLVED, that the MTEA expresses its appreciation to Dave Manninen, Coordinator from the State Fair, participating Technology Education teachers, students, and Rockler Woodworking for their support of Technology Education and be it therefore

RESOLVED, that all students be congratulated on their State Fair entries.

#### **A-10-9 Recognition of Supporting Businesses and Industries**

WHEREAS, many businesses and industries have supported the MTEA and sponsored activities in an effort to promote Technology Education in Minnesota during the 2009-2010 school years, be it therefore

RESOLVED, that the MTEA express its fullest appreciation to the following individuals, businesses and industries for their excellent support and contributions:

1. Jaime Nolan, Virgil Paulson, Phil Graber and the Minnesota Precision Manufacturing Association (MPMA) for promoting the Supermileage Challenge.
2. Rob Moe, Joe Wahlen and Magneto Power for continued support of the Supermileage Challenge.
3. David Klaus and the Briggs & Stratton Company for continued support of the Supermileage Challenge.
4. Bill Johnson and Brainerd International Raceway for their support of the Supermileage Challenge.
5. Heath Baumgard and Tracy Barnum from NTI School of CAD Technology for continued support of the Supermileage Challenge.

6. Katrina Walter, Instructor at Dakota County Technical Center, Graphic Communication Digital Production II program for the supermileage vehicle stickers.
7. Mastergraphics, AutoDesk Corporation, and Dan Coleman for their support to the Supermileage and at the Fall Conference.
8. Dunwoody Institute for their support of the Winter Joint Affiliate Meeting and for the Supermileage Challenge.
9. Alexandria Tech College for their support for the Supermileage Challenge, hosting summer workshops and for the Fall Conference.
10. Bemidji State University and 360 Degree Center for Excellence in Applied Engineering and Manufacturing for their contributions to the success of Tech Challenge and for promoting technology education in the state of Minnesota.
11. Mastergraphics, AutoDesk Corporation and First Technologies, Inc. for their support of the Minnesota Technology Challenge through the donation of software for student use.
12. Hennepin Technical College Eden Prairie Campus for their support of the Minnesota Technology Challenge.
13. Harley Bergren, founder and former CEO of Power Systems; a major financial sponsor for the Minnesota Technology Challenge.
14. Martin Lunde, Ralph Jacobson, Keith Harris, Temsyn McKenzie, and the Minnesota Renewable Energy Society for their support of the Solar Boat Regatta.
15. Parametric Technologies, Inc. for supplying free and unlimited use licenses of ProEngineer Schools Edition to participants of MTEA ProEngineer Workshops.
16. Ford/AAA Contest for sponsoring regional, state, and national competitions and Hennepin Technical College for hosting the event.
17. John V. Rapheal, Minnesota Department of Education, Center for Post Secondary Success, Adult and Career Education.
18. Valerie Dosland, Ewald Consulting, for lobbying efforts on behalf of career and technical education in the state of Minnesota.
19. Lockheed Martin for sponsoring and St. Thomas University for hosting the MN Real World Design Challenge.
20. Gary Parkos and Lube Tech Corporation for their generous support of the Supermileage competition.
21. Tim Gerlach of the Minnesota Corn Growers Association for their generous support of the Supermileage competition.

#### **A-10-10 Recognition of Educational Organizations and Non-members**

WHEREAS, many educational organizations and non-member individuals have supported MTEA-sponsored activities in an effort to promote Technology Education throughout Minnesota, be it therefore,

RESOLVED, that the MTEA express its fullest appreciation to the following individuals and groups for their excellent support and contributions:

1. Anoka-Hennepin School District #11 for providing meeting spaces.

2. St. Cloud State University Environmental and Technological Studies Staff, for support of Career and Technical Education in teacher preparation in the State and also for continued technical support at the Fall Conference.
3. Minnesota Department of Education for their support of Career and Technical Education in the State.
4. Minnesota Commissioner of Education for continued support of Career and Technical Education.
5. Minnesota High Tech Association for continued support of Career and Technical Education.
6. Minnesota Governor's office for supporting STEM initiatives.
7. MnACTE for their contribution to the support of Career and Technical Education.
8. Minnesota State Colleges and Universities for their continued support of the MTEA and MTEA's activities.
9. Roger Aiken and the CREED Organization, (Communities for Responsible Energy/Environment Demonstration) for their support of Career and Technical Education.
10. Minnesota Renewable Energy Society for their work with the solar boat regatta and for their support of technology education in Minnesota.
11. Dunwoody Technical College for hosting the joint winter meeting as well as providing student scholarships.
12. Valerie Dosland for representing MTEA at the legislature.
13. Minnesota Center for Engineering & Manufacturing Excellence, at Minnesota State University, Mankato, for their support of PLTW and Technology and Engineering Education.
14. 360 Degree Center of Excellence Applied Engineering and Manufacturing, at Bemidji State University, for their support for technology education teachers.

#### **A-10-11 Recognition of Members**

WHEREAS, many MTEA members have contributed to the MTEA or have been recognized by other professional organizations and local school districts, be it therefore

RESOLVED, the MTEA expresses its fullest appreciation to the following people for outstanding achievement:

1. Mark Gable, for his excellent efforts maintaining the MTEA website.
2. Mark Gable, for outstanding work as MTEA Membership Chairperson.
3. Keith Anderson (DTE), Jim Moon (DTE), Roxanne Cunningham, Jim Mecklenburg, Paul Keeney, Keith Sykora, Mike Sandell, Gary Gronquist, Mike Livieri, Ken Pashina and Leigh Hartert for organizing the 2010 Minnesota Supermileage Challenge.
4. Tony Hommes, Assistant Director of 360 Degrees Center of Excellence for organizing the 2010 BSU Technology Challenge.
5. Dave Hanson, Juris Terauds, and Mike Kroeker for contributions towards the success of the 2010 Minnesota Technology Challenge.
6. Ashley Plemel, President of the MTEA Student Affiliate, for her leadership role in organizing MTEA activities and promoting technology education at Bemidji State University.

7. 2009 MTEA and ITEA Middle School Teacher Excellence Award: Brad Jans, Orono Middle School.
8. 2009 High School Teacher Excellence: Pete Crawford, Centennial High School.
9. 2009 New Teacher Excellence, Patric Doty, Brooklyn Center Jr/Sr High.
10. 2009 Middle School MTEA and ITEA Program Excellence Award: Herb Reiersen and Paul Keeney, Oak View Middle School.
11. Mark LeFeber, for his work with the solar boat regatta (MRES), Makelt, MN Twin Cities chapter of American Foundry Society (AFS), and Minnesota Precision Manufacturing Association.
12. Eric Waldoch, and Gary Gronquist for representing MTEA on the MnACTE Board.
13. And all other members who have displayed dedication toward the advancement of Career and Technical Education in the State of Minnesota in the year 2009-2010.
14. Jim Mecklenburg Program Director for MN PLTW for his support of Technology and Engineering Education.
15. Mike Lindstrom for his work representing MTEA as the Executive Director of SciMathMN.
16. John Holmen, Jim Mecklenburg, Joel Ellinghuysen, Gary Gronquist and Mark Gable for compiling a master CTE teachers database for the state.

## **CURRENT RESOLUTIONS:**

### **C-10-1 MTEA alignment with the Standards for Technological Literacy**

WHEREAS, there is no comprehensive K-12 plan for Career and Technical Education in place in Minnesota, and

WHEREAS, many administrators and Career and Technical Education teachers are looking for direction and help in developing new Career and Technical Education programs, and

WHEREAS, there is inadequate staff available from the Minnesota Department of Education to provide assistance with Career and Technical Education curriculum writing and local program development, and

WHEREAS, no funding is presently allocated by the Minnesota Department of Education for the purpose of Career and Technical Education curriculum development and

WHEREAS, members of the MTEA have been using their own funds for Career and Technical Education curriculum writing, be it therefore

RESOLVED, that the Minnesota Department of Education provide the funds and staff necessary for the development and implementation of a comprehensive K-12 Career and Technical Education curriculum plan and the in-service training of instructors in the State of Minnesota to align with Standards for Technological Literacy.

### **C-10-2 Teaching Career and Technical Education within the Minnesota Standards**

WHEREAS, it is increasingly important that we have a technologically literate society and,

WHEREAS, Career and Technical Education deliver essential education to Minnesota students – including the support of Minnesota's Academic Standards, be it therefore

RESOLVED, that all Career and Technical Education courses be taught by an appropriately licensed instructor, governed by the rules and regulations under the Minnesota Board of Teaching and be consistent with the Highly Qualified Teacher Requirements of the Federal No-Child-Left-Behind legislation.

### **C-10-3 Recognition of Career and Technical Education Programs**

WHEREAS, the MTEA believes that the needs of all students have not been addressed in the past and

WHEREAS, Career and Technical Education programs encourage students to make realistic career choices, be it therefore

RESOLVED that the MTEA support State and national efforts to establish and strengthen Career and Technical Education and Minnesota Youth Apprenticeship programs.

#### **C-10-4 Minnesota use of Technology Education as a Program Title**

WHEREAS, the MTEA has adopted the name Technology Education to identify the discipline that it teaches, and

WHEREAS, the Minnesota Board of Teaching has assigned the name Technology Education to new licenses in our content area, and

WHEREAS, the ITEEA as the international professional association in Technology Education has formally adopted the name of Technology and Engineering Education, and

WHEREAS, the National Council for the Accreditation of Teacher Education (NCATE) has identified Technology Education as the name of the discipline for accrediting teacher education programs formerly referred to as Industrial Arts, Industrial Education and Industrial Technology, be it therefore

RESOLVED, that the department and or program titles used within Minnesota school districts at the middle and high school levels be Technology and Engineering Education.

#### **C-10-5 Recruitment of Technology Education Teachers**

WHEREAS, the number of position openings annually in Technology Education in Minnesota significantly outnumbers the number of teacher education graduates in Minnesota, and

WHEREAS, school districts are finding it increasingly difficult to hire appropriately licensed technology teachers, and

WHEREAS, the shortage of qualified technology teachers is also occurring at the national level, be it therefore

RESOLVED, that the MTEA membership supports and encourages the efforts of the universities in Minnesota that prepare Technology Teachers, and encourages high school students to consider entering the technology teaching profession. Be it further resolved that the MTEA, the Department of Education, other business and industry partners will work to eliminate the barriers to the critical shortage of Technology Teachers in Minnesota so that students will continue to experience and have access to quality programs.

#### **C-10-06 MnACTE Membership**

WHEREAS, MTEA dues now include membership in MnACTE, be it therefore

RESOLVED, that MTEA members support the policies and initiatives of MnACTE as it strives to promote CTE in Minnesota.

**C-10-07 MTEA alignment with the Standards for Technological Literacy**

WHEREAS, the MN Academic Science Standards now include engineering standards, be it therefore

RESOLVED, that it be clarified that those engineering standards may also be delivered in technology and engineering courses.

## **STANDING RESOLUTIONS:**

### **S-10-1**

The MTEA membership has changed its name to the Minnesota Technology Education Association, and believes that Technology Education can help students apply tools, materials, processes and technical concepts safely and efficiently, discover individual talents, solve problems, apply creative abilities, deal with forces that influence the future, adjust to a changing environment, become wise consumers, and make good career choices. The MTEA further supports the twenty content organizers found in the Standards for Technological Literacy document that helps provide these student activities, and adopts the following definition of Technology Education as defined in the ITEEA 2000 Standards for Technological Literacy:

**A study of technology, which provides an opportunity for students to learn about the processes and knowledge related to technology that are needed to solve problems and extend human capabilities.**

### **S-10-2**

The MTEA believes that a comprehensive K-12 program of Technology Education should be offered in all secondary schools in the State and be included as a component of the elementary curriculum because technology education programs offer one of the best educational opportunities to prepare students for a technological world.

### **S-10-3**

The MTEA believes that excellence in teaching is the foundation of a good educational system. The Association, therefore, recommends that only persons with a minimum of a bachelor's degree in Technology Education/Industrial Education be permitted to teach Technology Education.

### **S-10-4**

The MTEA believes that Technology Education programs are improved when provided with knowledgeable professional supervision. To this end, the MTEA recommends that full-time supervisors of Technology Education be employed at the State level and where practical in programs at the local level.

### **S-10-5**

The MTEA believes that career and technical student organizations should be encouraged and strongly supported at all levels.

### **S-10-6**

The MTEA believes technology educators should inform all segments of society, in part, by creating business-industry-education partnerships, of the valuable contributions of Technology Education to the youth and businesses/industries in our State.

**S-10-7**

The MTEA believes and strongly supports the philosophy of general education for the subject area of Technology Education. We also believe that State and Federal funding such as Carl D. Perkins IV funding needs to be increased to support and enhance comprehensive K-12 Technology Education programming.

**S-10-8**

The MTEA believes that conferences provide career and technical educators with opportunities to participate in workshops, presentations, and dialogue with leading educators and supervisors. Conferences enable the career and technical educators to obtain a wealth of insights, ideas, and materials, which will greatly assist in implementing a comprehensive Technology Education program. Therefore, school administrators should annually be encouraged to send their career and technical educators to the Minnesota Technology Education Association and International Technology and Engineering Educators Association Conferences.

**S-10-9**

The MTEA is the exclusive representative of Technology Education in Minnesota, and is affiliated with the International Technology and Engineering Educators Association, the international representative for technology education teachers. Therefore, any policies and procedures regarding technology education at the State level should be formulated with input from the MTEA.

**S-10-10**

The MTEA believes that all Minnesota school districts should offer technology education courses in all schools at the middle/junior high and high school levels at a minimum, and that they adopt the Standards for Technological Literacy.

**S-10-11**

The MTEA believes that Science Technology (Education) Engineering and Mathematics (STEM) is a natural and powerful coalition that should be available to all students in MN. MTEA supports state STEM initiatives and seeks to be involved in State STEM policy and initiative planning.

**S-10-12**

The MTEA believes that there are many benefits and reasons for its members to join the International Technology and Engineering Educators Association (ITEEA) and encourages all technology educators to do so.

**S-10-13**

MTEA encourages technology education departments, in local school districts, to change their department name to reflect Technology Education.

Submitted by:  
Eric Waldoch,  
Past-president, Minnesota Technology Education Association  
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