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# Johnny Tharp

**Educational Service** February 2020 – Coached a VEX IQ Robotics Team at Boles Middle School that finished in 2<sup>nd</sup> place at the VEX IQ State Tournament which qualified the team for the 2020 VEX IQ World Championship (Finished in 22<sup>nd</sup> place in the Science Division out of 89 teams in the VEX IQ Virtual World Championship). This team previously qualified for the CREATE U. S. Open Championship (Cancelled due to Coronavirus).

November 2019 – Qualified a Team Collaborating with The No. 1 Robot Research Center in Nanjing China for the Texas VEX IQ State Championship

Apr. 2011 – Robotics Team entered the VEX World Championship (**Middle School Robot Placed 3<sup>rd</sup> out of 104 Robots Entered, Made Elimination Rounds and Advanced to the Quarter-Finals) (High School Robot finished in 36<sup>th</sup> place out of 104 Robots Entered, Finalist for the Math Division “Design” Award)**)

Feb. 2011- Robotics Team Entered East Texas VEX Patriot Challenge (**high School Robot Tournament Champion, won “Build” Technical Award and qualified for the VEX World Championship**)

Sept. – Dec. 2010 Phoenix Charter School Robotics Team. Expanded team to build 2 competition robots (Middle School and High School) as well as increasing the number of competitions entered.

Jul. 2009 – Established the Career & Technology Department (CTE) and Continuing to Expand the Department and CTE Federal Compliance

Dec. 2010 – Robotics Team Entered UT-Dallas Fearless Engineering Robotics Competition (**High School Robot Semi-Finalist, Middle School Robot Semi-Finalist, won “Excellence” Technical Award**)

Nov. 2010 – Entered Houston VEX Competition (**High School Robot Semi-Finalist, won “Create” Technical Award, Middle School Robot Finalist and qualified for the VEX World Championships**)

Oct. 2010 – Entered WOC Fearless Engineering VEX Robotics Competition (**High School Robot-Semi-Finalist, Middle School Robot Quarterfinalist**)

Dec 2010-Online Benchmark Testing Coordinator

2010 – Robotics Team demonstrated their VEX Robot at the National Charter School Conference in Chicago, June

2010 – Presented Breakout Session, “How to Start a Robotics Team on a Limited Budget” at the Texas Charter School Association State Conference, May

2010 – Robotics Team demonstrated their VEX Robot at the Texas Charter School Conference

2010 – Phoenix Charter School (Rookie Team)– **2010 Lovejoy Extreme Engineering Robotics Competition Champion, 2010 Texas VEX Championship #2 Seed and semi-finalist, Team Spirit Award Winner and Play of the Day Award Winner, Competed in the 2010 VEX World Championship**

- 2009 – Phoenix Charter School (Rookie Team) – **Collin County B.E.S.T. Competition 5<sup>th</sup> Place Finish, Founders Award**
- 2009 – Greenville High School - Principal Screening/Interview Committee
- 2008 – 2009 Greenville ISD STEM (Science, Technology, Engineering, and Math) Committee
- 2008 – Presenter “Finding Mentors” Workshop at SMU for F.I.R.S.T. (For Inspiration and Recognition of Science and Technology) for Dallas Regional
- 2008 – 2009 Greenville High School Robotics Coordinator
- 2008 – 2009 Coach of Greenville High School Robotics Team - **Dallas F.I.R.S.T. Regional Tournament Champion. F.I.R.S.T. World Championship Qualifier, VEX 2009 Lovejoy Extreme Engineering Robotics Champion ( 3 Robots Entered, 1<sup>st</sup> Place, 2<sup>nd</sup> Place and 4<sup>th</sup> Place Finishes) and Amaze Award, VEX 2009 World Championship Qualifier ( 3 Robots entered, 2 Division Finalists and 1 Division Semi-Finalist) and World Amaze Award**
- 2007 – Greenville High School Presented “Clear and Focused Mission” Correlate Committee
- 2007 – 2008 Greenville High School TAKS Math Classes Team Leader
- 2006 – 2009 Coach of the Greenville High School First Vex Challenge Robotics Team at Regional and National Competitions – **University of Arlington Tournament Champion and 2006 VEX National Champions**
- 2006 – 2007 Greenville New Horizons Calendar Committee Member
- 2006 – (Summer) Greenville ISD Training Cadre
- 2006 – (August) Assist with the presentation of Cues, Questions and Advanced Organizers training session at beginning of year Greenville ISD District In-Service Training.
- 2006 – Greenville ISD Professional Dress Code Committee member
- 2004 – 2007 New Horizons TCTA campus representative
- 2005 – Greenville ISD Communications Committee member
- 2004 – 2008 Assistant Coach of the Greenville High School Robotics Team at Regional and National Competitions – **2008 F.I.R.S.T. St. Louis Regional Champion and Rockwell Automation Innovation in Control Award, F.I.R.S.T. New Orleans Regional Finalist and Delphi "Driving Tomorrow's Technology" Award, F.I.R.S.T. Robotics Championship Galileo Division Winner and F.I.R.S.T. Robotics World Champions**

**Educational Honors** 2004 – Present **Who’s Who Among America’s Teachers**

**Education**

2005 – 2007 Texas A&M University-Commerce Commerce, TX

**Post Master’s Degree**

- Earned Principal’s Certificate on 5/12/2007
- GPA 4.0

1973 – 1975 East Texas State University Commerce, TX

**Master of Science in Computer Science**

1969 - 1973 Texas A&M University College Station, TX

# **Bachelor of Science Degree in Engineering Technology (Computer Specialty)**

## **Items of Interest and Certifications**

- Earned Principal's certificate on 5/12/2007
- Became a Certified Mathematics Teacher on 06/03/2003
- Principal and Math Certificate expires on 08/31/2014
  
- Currently have all of the CPE hours required towards maintaining the principal and math certificate
- Certified Appraiser in the Professional Development and Appraisal System (PDAS)

## **Work Experience**

2017 – Present Boles ISD Quinlan, TX  
Part time mentor of the Boles Middle School VEX IQ Robotics Team  
Assisting the Superintendent, Dr. Graham Sweeney in collaborating with Chinese Schools by conducting robotics camps as well as coaching a Boles M. S. VEX IQ team that is collaborating with a Chinese school to build a robot that will qualify for the 2020 VEX IQ World Championship.

2017 – Retired from Greenville ISD

2010 – 2017 Greenville ISD Greenville, TX

### **Director of VEX Robotics**

2009 – 2010 Phoenix Charter School Greenville, TX

### **Director of Instructional Technology, Robotics Coach**

2008 – 2009 Greenville High School Greenville, TX

### **Robotics Coordinator and Coach**

2007 – 2009 Greenville High School Greenville, TX

### **Classroom Teacher**

- Taught Computer Programming, Engineering, Robotics, Algebra 1, and Pre-calculus

2004 – 2007 Greenville New Horizons Greenville, TX

### **Classroom Teacher**

- Taught Algebra 1, Algebra 2, and Pre-Calculus

2002 – 2004 Boles High School Quinlan, TX

### **Classroom Teacher**

- Taught Geometry, Algebra 2, and Pre-Calculus (2003 - 2004)
- Taught Algebra 1, Algebra 2, and Math Models (2002 – 2003)

1983 - 2002 Tharp Vending Greenville, TX

### **Owner**

- Purchased business
- Developed people skills to keep the business profitable and growing

1984 – 1988 American National Bank Greenville, TX

## **Board of Directors**

- Loan Committee

1977 - 1983                      Sanford Vending                      Greenville, TX

### **Route Salesman / Technician**

- Ran routes to collect money from various machines
- Learned to repair various amusement machines (Jukeboxes, Pinball Machines, Video Games, etc.)

1974 - 1977                      E-Systems                      Greenville, TX

### **Computer Systems Analyst / Programmer**

1973 – 1974                      E-Systems                      Greenville, TX

### **Business Systems Computer Analyst / Programmer**

Summer 1972                      E-Systems                      Greenville, TX

### **Computer Operator**

## **Professional Memberships**

2011 – Present Member of the Greenville Chamber of Commerce Education Committee

2002 – 2004 Member of **Association of Texas Professional Educators**

2004 – Present Member of **Texas Classroom Teachers Association**

2006 – Present Member of **Phi Delta Kappa International**

1982 – 2002 Member of **Amusement and Music Operators of Texas**

- **Secretary** for 2 years
- Member for 20 years

1982 – 2002 Member of **Amusement and Music Operators of America**

## **Church and Community Service**

2019 – 2020 **President Greenville Day Break Rotary Club**

2008 – 2012 **Board of Directors Greenville Lake & Water Company**

- **Chairman Lots & Boundaries – West Beach**

2003 - Present **Member of Daybreak Rotary Club**

- **Flag Captain**
- **Paul Harris Sustaining Member**

1989 - Present **Board member Greenville Entertainment Series**

1989 - Present **Board member Dallas Symphony Orchestra Series in Greenville**

**1986 - 2002 Member of Greenville Noon Rotary Club**

- **Paul Harris Sustaining Member**
- **Paul Harris Fellow**

**1980 - 1986 Member of Greenville Kiwanis Club**

- **1983 – 1984 President**
- **1981 – 1982 Director**
- **1982 – 1983 First Vice President**
- **1981 – 1982 Director**

**1982 - 1985 Member of Greenville Jaycees**

**1975 - Present Member Kavanaugh United Methodist Church**

- 2008 – Present Staff Parish Relations Committee Member
- 1997, 2000 - 2001, 2006 Served on Finance Committee
- 2000 – 2002 **Chairman** of Finance Committee
- 2001 – 2002 Mentor for Confirmation Class
- 1981 - 1984, 1991 – 1994 Served on Board of Trustees
- 1992 – 1994 **Chairman** of Board of Trustees (Oversaw building of new parsonage)
- 1985 – 1987 Served on Staff-Parish Relations Committee

**1979 - 1980 Senior Deacon Greenville Masonic Lodge**

**1981 - 1985 Hella Temple of Dallas**

**1984 - 1988 Board of Directors Greenville Lake & Water Company**

- **Chairman** Safety Committee
- **Chairman** House and Grounds Committee

**Interests and Activities**

Golf, Snow Skiing, Travel

**Volunteer Experience**

Coached youth league soccer, basketball and baseball teams at various age levels

**Hobbies**

Carpentry, Household Repairs