

where KIDS think science is **COOL** and  
DREAM of becoming science and

technology HeROES



*national*

The Competition - 1998



Orlando, Florida

> April 2 -4, 1998



# TEAMS

## National Competition Teams 1998

### Team List

3-Dimensional Services &  
Oakland Technical Center,  
Northeast Campus (OTC-NE)  
**Pontiac, MI**

ADA Manufacturing and Engineering,  
Pasadena Independent School  
District, University of Houston,  
University Park,  
Clearlake Council of Technical Societies,  
**Pasadena, TX**

Advance Transformer Company,  
Broadhead High School &  
Monroe Senior High School,  
**Monroe, WI**

Alliant Techsystems, Inc. &  
Washburn High School,  
**Hopkins, MN**

Applied Materials,  
NASA Ames Research Center &  
Palo Alto High School,  
**Palo Alto, CA**

BASF & Mt. Olive High School,  
**Flanders, NJ**

Baxter Healthcare Corporation,  
Johnsburg High School &  
Lake County Technical Campus,  
**Round Lake, IL**

Baxter Healthcare Corporation &  
Lakewood High School Center for  
Advanced Technologies,  
**St. Petersburg, FL**

Baxter Healthcare Corporation,  
Luis Munoz Marin High School &  
InterAmerican University,  
**San German, PR**

Baxter Healthcare Corporation &  
Mountain Home High School,  
**Mountain Home, AR**

Becton Dickinson and Company &  
Becton Regional High School,  
**Franklin Lakes, NJ**

Bronzecraft, McKelvie Middle School &  
Bedford Community  
**Bedford, NH**

Bell Atlantic &  
Greenwich High School,  
**White Plains, NY**

Bell Atlantic  
Rensselaer Polytechnic Institute &  
Shenendehowa High School,  
**Clifton Park, NY**

Boeing Company, Astronaut High School,  
Brevard Community College &  
Titusville High School,  
**Titusville, FL**

The Boeing Company, Rocketdyne  
Propulsion & Power, AVG Inc. &  
Chatsworth High School,  
**Chatsworth, CA**

Boston Edison Company &  
Plymouth North High School,  
**Plymouth, MA**

Oakland Science, Mathematics &  
Technology Academy (OSMTech),  
**Clarkston, MI**

Canutillo High School,  
**El Paso, TX**

Central & South West Services,  
Public Service Company of Oklahoma  
& Jenks High School,  
**Jenks, OK**

Chaney High School &  
ITT Technical Institute,  
**Youngstown, OH**

Chrysler Corporation &  
Avondale High School,  
**Auburn Hills, MI**

Chrysler Corporation -  
Huntsville Electronics &  
Bob Jones High School,  
**Huntsville, AL**

CMI Dearborn (*a subsidiary of CMI Intl*),  
Montague High School &  
Whitehall High School,  
**Montague, MI**

Codem Systems, Inc. &  
Derryfield School,  
**Manchester, NH**

Cordis University of Miami &  
Mast Academy,  
**Miami Lakes, FL**

9th Wave, Nonnewaug High School,  
Woodbury Middle School &  
Connecticut Junior Republic School,  
**Waterbury, CT**

Continental Pet Technologies  
Trinity High School,  
**Manchester, NH**

Cordis Corporation,  
Johnson & Johnson &  
Watchung Hills Regional High School,  
**Warren, NJ**

Daniel Webster College,  
Brookfield Rapid Solutions,  
Roche Harkins, Inc.,  
Premier Industries, Highland Tool,  
Gilchrist Metal Fabricating,  
Omni Components Corp.,  
Jonathan Areospace Materials Corp.,  
D'Ambra Technologies,  
Experienced Equipment, &  
Alvirne High School,  
**Nashua, NH**



Deere & Company, Iowa State University  
& Ames High School,  
**Ames, IA**

Delphi Delco Electronics Systems  
& Kokomo High School,  
**Kokomo, IN**

Delphi E-Systems &  
Northwestern High School,  
**Flint, MI**

Delphi Interior and Lighting Systems  
& Pontiac Central High School,  
**Troy, MI**

Delphi Packard Electric Systems,  
Warren G. Harding High School &  
Trumbull County Joint Vocational School,  
**Warren, OH**

Delphi Steering Systems &  
Buena Vista High School,  
**Saginaw, MI**

Double E., Inc., Christy Rost, Inc. &  
Highland Park High School,  
**Dallas, TX**

Eastman Kodak Company &  
Fairport High School,  
**Rochester, NY**

NASA/Goddard Space Center &  
Eleanor Roosevelt High School,  
**Greenbelt, MD**

Ethicon & Bound Brook High School,  
**Somerville, NJ**

Exxon Company USA &  
Booker T. Washington High School  
for Engineering Profession,  
**Houston, TX**

Florida International University &  
Miami Coral Park Senior High School,  
**Miami, FL**

Ford Motor Company, Mohave Generating  
Station & Kingman High School,  
**Kingman, AZ**

Foster Miller Corporation,  
EMC2 Corporation,  
Allegro MicroSystems, Inc. &  
Blackstone Valley Regional Vocational  
Technical High School,  
**Upton, MA**

General Electric Transportation Systems &  
McDowell High School,  
**Erie, PA**

General Motors Desert Proving Ground  
Queen Creek High School &  
Highland High School,  
**Mesa, AZ**

General Motors Powertrain &  
Pontiac Northern High School,  
**Pontiac, MI**

GM Powertrain &  
Ypsilanti High School,  
& Willow Run High School  
**Ypsilanti, MI**

General Motors Powertrain,  
Pontiac Northern High School,  
**Pontiac, MI**

General Motors Proving Ground &  
Milford High School,  
Lakeland High School,  
Harbor High School,  
**Milford, MI**

General Motors Truck Group &  
Oakland Technical Center  
Northwest Campus,  
**Clarkston, MI**

Gillette & Quincy Public Schools,  
**Quincy, MA**

GMI Engineering & Management Institute,  
Kettering University,  
Thomas Engineering &  
Flint School District,  
**Flint, MI**

Beatty Machine & Manufacturing,  
& Hammond Public Schools  
**Hammond, IN**

Harding University High School,  
**Charlotte, NC**

Harris RF Communications,  
Rochester Institute of Technology &  
Edison Technical School,  
**Rochester, NY**

Haworth, Inc. & Holland High School,  
**Holland, MI**

Hillsborough High School,  
**Belle Mead, NJ**

Hitachi Construction Machinery America,  
NASA, Sani-Weld &  
Oak Ridge High School,  
**Houston, TX**

Honeywell Inc. & East Lake High School,  
**Clearwater, FL**

Honeywell Space and Aviation Control &  
Cortez High School,  
**Phoenix, AZ**

Honeywell's MICRO SWITCH Division,  
Freeport High School & Aquin High School,  
**Freeport, IL**

Hughes Space and Communications  
Company, J & F Machine, Inc. &  
Hope Chapel Academy,  
**Harbor City, CA**

Hughes Aircraft - Marine Systems &  
Kamiak High School,  
**Mukilteo, WA**

ITW Drawform, Inc. & Zeeland H. School,  
**Zeeland, MI**

Vistakon &  
Stanton College Preparatory School,  
**Jacksonville, FL**

Johnson & Johnson Professional, Inc.  
& Bridgewater-Raynham  
Regional High School,  
**Bridgewater, MA**

Johnson & Johnson, University of Pittsburgh  
& Steel Center Vocational Technical School,  
Tech-Link Program of Pittsburgh,  
**Clairton, PA**

Johnson & Johnston Associates, RDI &  
Salem High School,  
**Salem, NH**

Kemet Electronics Corporation, Advanced  
Automation, Greenville Tech College,  
JL Mann High School, Carolina Academy &  
Riverside High School,  
**Greenville, SC**

Lear Corporation &  
Southfield High School,  
**Southfield, MI**

Lebanon Robotics Team,  
**Hanover, NH**



LEGO Systems &  
Talcott Mountain Science Center,  
**Enfield, CT**

LEGO/M.I.T. &  
Cambridge Ringe and Latin High School,  
**Boston, MA**

Lennox International, Inc.,  
University of Texas at Dallas &  
St. Mark's School of Texas,  
Hockaday School,  
**Dallas, TX**

Lockheed-Martin Missile & Space/NASA &  
Woodside High School,  
**Woodside, CA**

Light Machines Corporation/Intelitek &  
Memorial High School,  
**Manchester, NH**

LoDan Electronics &  
St. Patrick's High School,  
**Chicago, IL**

Lutron Electronics Co. Inc., Merck  
& Palisades High School,  
**Kintnersville, PA**

Massachusetts Electric,  
New England Electric & Bay Path Regional  
Vocational Technical H. School,  
**Charlton, MA**

McNeil Consumer Products,  
Bartram High School,  
Carver High School & Mastbaum AVTS,  
**Ft. Washington, PA**

Metal Flow Corporation &  
Holland Christian High School,  
**Holland, MI**

Motorola, Inc. & Dillard High School,  
**Plantation, FL**

Motorola, Inc. & Libertyville High School,  
**Libertyville, IL**

Motorola, Inc. & Richland High School  
& Haltom High School,  
**N Richland Hills, TX**

Motorola, Inc. &  
Rolling Meadows High School,  
Wheeling High School,  
**Schaumburg, IL**

NASA Ames Research Center &  
Los Altos High School,  
**Los Altos, CA**

NASA Ames Research Center &  
Monta Vista High School,  
**Cupertino, CA**

NASA Headquarters &  
South Lakes High School,  
**Reston, VA**

NASA Headquarters,  
Carnegie Mellon University &  
Taylor Allderdice High School,  
**Pittsburgh, PA**

NASA Johnson Space Center,  
Clear Brook High School,  
Clear Creek High School &  
Clear Lake High School,  
**League City, TX**

NASA Kennedy Space Center,  
Delaware North, DYNACS, USA & Merritt  
Island High School & Satellite High  
School,  
**Kennedy Space Center, FL**

NASA Lewis Research Center, TRW, Inc.,  
Battelle Memorial Institute, First Energy &  
East Technical High School,  
**Cleveland, OH**

Naval Undersea Warfare Center &  
Middletown High School,  
**Newport, RI**

NASA Langley Research Center,  
New Horizons Regional Education Center,  
**Hampton, VA**

New Venture Gear, Inc. &  
Hamtramck High School,  
**Troy, MI**

Northeast Utilities,  
U.S. Coast Guard Academy,  
Montville High School &  
The Williams School,  
**Waterford, CT**

Northeastern University &  
Boston Latin School,  
**Boston, MA**

NYPRO, Inc. & Clinton High School,  
**Clinton, MA**

Oceaneering Space Systems, NASA/JSC &  
Friendswood Independent School District,  
**Friendswood, TX**

American Electric Power,  
The Ohio State University &  
Grandview Heights High School,  
**Columbus, OH**

Osram Sylvania, Inc. &  
Hillsboro-Deering High School,  
**Hillsboro, NH**

Osram Sylvania &  
Manchester Central High School,  
**Manchester, NH**

Panzer Aluminum Products, Inc.,  
Ely High School &  
Crystal Lake Middle School,  
**Wilton Manors, FL**

Parker Nichols Portland &  
Bonny Eagle High School,  
**Portland, ME**

Plainfield High School,  
**Plainfield, NJ**

Pneutronics, Key Bank, Connolly Crowns &  
Souhegan High School,  
**Amherst, NH**

Poudre School District,  
Fort Collins High School &  
Front Range Community College,  
**Fort Collins, CO**

PRI Automation, Inc.,  
New England Prototype, Inc. &  
Tyngsborough High School,  
**Tyngsboro, MA**

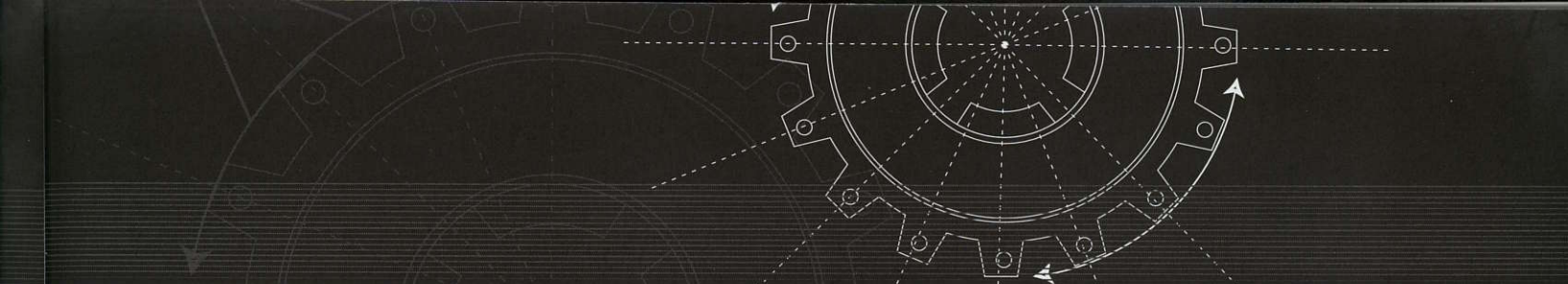
Prince & West Ottawa High School,  
**Holland, MI**

Procter & Gamble Company,  
Tobyhanna Army Depot, Penn State,  
Keystone College, Northeastern  
Educational IU19, &  
Elk Lake High School,  
Lackawanna County Area Vocational  
Technical School,  
Lackawanna Trail High School,  
Tunkhannock Area High School,  
Troy Area High School &  
Susquehanna Count,  
**Scranton, PA**

Procter & Gamble Company &  
Walnut Hills High School,  
**Cincinnati, OH**

Public Service of New Hampshire &  
Manchester West High School,  
**Hooksett, NH**





Raytheon E-Systems,  
Boca Ciega High School &  
Dixie M. Hollins High School,  
**St. Petersburg, FL**

Raytheon Systems Company &  
Greenville High School,  
**Greenville, TX**

Sanders, Lockheed Martin &  
Nashua High School,  
**Nashua, NH**

Seagate Technology & Aptos High School,  
**Aptos, CA**

Fairchild Semiconductor &  
Mills High School,  
**Millbrae, CA**

Stanley Works,  
C.M. McGee Middle School &  
Berlin High School,  
**Berlin, CT**

Stratus Computer &  
Assabet Valley Regional Vocational H.S.,  
**Marlboro, MA**

Structural Dynamics  
Research Corporation &  
Great Oaks Institute of Technology and  
Career Development, Live Oaks Campus,  
**Milford, OH**

Symbios, Colorado State University &  
Poudre High School,  
**Ft. Collins, CO**

Morgan State University &  
Edmondson-Westside Senior High School,  
**Baltimore, MD**

Textron Automotive Company,  
Cass Technical High School &  
Oakland Technical School,  
**Troy, MI**

TRW AEG & Harrison High School,  
**Farmington Hills, MI**

TRW VSSI, Siemens &  
International Academy,  
**Auburn Hills, MI**

U.S. Naval Academy & Severn School,  
**Annapolis, MD**

Unitrode Corporation, Ferrofluidics,  
Fidelity Investments &  
Merrimack High School,  
**Merrimack, NH**

University of Miami &  
North Miami Beach Senior High School,  
**Aventura, FL**

University of Wisconsin,  
Platteville & Platteville High School,  
**Platteville, WI**

UTC, East Hartford High School &  
Rockville High School,  
**East Hartford, CT**

UTC/Carrier Corporation &  
Liverpool High School,  
**Syracuse, NY**

UTC/Hamilton Standard Space Systems  
International, Techni Products &  
Enrico Fermi High School,  
**Windsor Locks, CT**

UTC/Hamilton Standard, Windsor Locks  
High School & Suffield High School,  
**Windsor Locks, CT**

UTC/International Fuel Cells & South  
Windsor High School,  
**South Windsor, CT**

UTC/Otis Elevator &  
Farmington High School,  
**Farmington, CT**

UTC/Pratt & Whitney,  
Palm Beach Gardens High School &  
The Benjamin School,  
**W Palm Beach, FL**

UTC/Pratt & Whitney,  
South Fork High School &  
Martin County High School,  
**Palm City, FL**

UTC/Pratt & Whitney, CPEP &  
Hartford Public School,  
**Bloomfield, CT**

UTC/UT Automotive & Edsel Ford,  
**Dearborn, MI**

Varo & South Garland High School  
**Garland, TX**

Visteon Automotive Systems &  
Fordson High School,  
**Dearborn, MI**

Walt Disney World & Project Future  
& The Challenge Center,  
**Lake Buena Vista, FL**

Wisne Design, University of Detroit Mercy  
& University of Detroit Jesuit High School  
and Academy,  
**Southfield, MI**

Woburn Collegiate Institute,  
**Scarborough, Ontario**

Worcester Polytechnic Institute &  
Massachusetts Academy of Math & Science,  
**Worcester, MA**

Xerox Corporation &  
Joseph C. Wilson Magnet High School,  
**Rochester, NY**

Xerox PARC, NASA Ames &  
Henry M. Gunn Senior High School,  
**Palo Alto, CA**

Engineered Solutions, PC  
Lockheed Martin Electronics,  
Stevens Institute of Technology &  
Hoboken High School,  
**Fort Lee, NJ**

Environmental Testing Laboratory &  
Austin Academy,  
**Garland, TX**

General Electric &  
Western High School,  
**Louisville, KY**

Oscar Mayer Foods &  
Sherman High School,  
**Sherman, TX**

PLD Advanced Automation Systems, Inc.,  
University of Central Florida,  
R.W. Beck & Lake Howell High School,  
**Winter Park, FL**

Procter & Gamble Pharmaceuticals,  
Norwich High School,  
Sherburne-Earlville High School,  
Oxford High School & B.O.C.E.S.,  
**Norwich, NY**

South Garland High School,  
**Garland, TX**

TRW, Futures Academy,  
Hawthorne High School &  
North High School,  
**Redondo Beach, CA**

University of Iowa &  
City High School,  
**Iowa City, IA**