

Acronym	Location	Exhibitor	Exhibit Description
4-H-R2T2	45	4-H Club-Really Rad Tech Team	Geographic Information System (GIS) for disaster preparedness. See a tornado simulator and learn how tornados form.
4-H-SAC	7	4-H Camp Clifton-Science Adventure Camp	Come learn how Newton's Laws apply to rockets. Participants will make straw and balloon rockets to test Newton's three Laws of Gravity.
ABICS	8	ABICS Publications	Hands-on demos of the physics of soccer highlighting the linkages between science and sports; competitive handouts will be available.
ACS	16	American Chemical Society-Dayton Section	Hands-on demonstrations exploring chemistry.
AFIT/ENV	27	AFIT-Systems & Engineering Management Dept.	Visual and hands-on demonstration of using science to protect health.
AFIT-TBP	1	AFIT-Tau Beta Pi	Airplane wing response to vibration, a gyroscope and groundwater ecology model.
AIAA	E5	American Institute of Aeronautics & Astronautics	Come build a soda-straw rocket and launch it with our rocket launcher. Hit a target and win a prize!
AMS	47	American Meteorological Society -Wright Memorial Chapter	Science of local weather and global warming, and a tornado video with free weather stuff are offered.
ASC	41	Affiliate Societies Council	General Information including Scout Merit Badge How to help with TF 2011, Donations, etc.
ASCE	9	American Society of Civil Engineers	Hands-on demonstrations of civil engineering concepts to a wide range of ages.
ASQ	H1	American Society for Quality	Learning about quality variation and requirements using cereal demonstration.
AWS	A2	American Welding Society	Welding Career information along with live welding demonstration and robot display in Bldg 13.
BMD	E1	Boonshoft Museum of Discovery	We will display a FIRST Lego League competition table. Teams will run their robots.
CAP	40	Wright Bros. 282nd Aero Composite Squadron	Hands-on aerospace activities, live radio direction finding exercises, and introduction to CAP activities.
CFUSA	H6	Camp Fire USA-Dayton Council	Show and tell about lasers and how lasers behave in different materials celebrating the 50th Anniversary of Lasers.
CHP	34	Dayton History-Carillon Historical Park	Our exhibit features the history of technology, including printing and the Wright brothers.
CLC	44	Dayton Challenger Learning Center	Interactive robotics and hands-on space related activities. FIRST Lego Robotics team will demonstrate.
CSU & NSBE	24	Central State Univ. & National Society of Black Engineers	Sing a song! Make some noise! Manufacture your own kazoo!
DARA	14	Dayton Amateur Radio Assn	We will provide FM Radio Kits for assembly and a display about amateur radio.
DARA	Rm 119	Dayton Amateur Radio Assn	We will provide FM Radio Kits for assembly and a display about amateur radio.
DCM & DMA	Rm 113	Dayton Computer Museum & DMA	The Computer Museum room shows how computer engineering has changed a large, room-sized computer so that it now fits on your desk at home.
DLUG	H9	Dayton Linux Users Group	Get free software - games, learning software, and more. Find out how and why it's made.
DMA & DACW	H8	Dayton Microcomputer Assn & Dayton Assn Computing Women	Cracking the case of a desktop PC to have a look inside the box, see how it's put together, and what makes it work.
DML	H7	Dayton Metro Library	Library materials supporting science, technology and math will be displayed and discussed.
DP&L	A5	Dayton Power & Light	Think Hot! Stay Safe! Electrical safety demonstration using 7200 volt overhead distribution setup; Dangers of high-voltage-energy.
DRSC	21	Dayton Regional STEM Center	Hands-on activities and demonstrations dealing with Science, Technology, Engineering and Mathematics (STEM) principles.
DRSS	20	Dayton Regional STEM School	Fortune-telling fish? Can you explain why your fish is moving differently from the person's next to you? BTW The fish is yours to keep!
DTMA	28	Dayton Tooling and Manufacturing Assn	Come see 15 pound combat robots built by local students in action-- and find out how you can build your own!
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ECOD	E2	Engineers Club of Dayton	Interactive problem solving activities for K-8.
FLL	E9	First Lego League	Hands-on display and teaching Lego NXT robot building and programming.
FTFF	E3	First To Fly Foundation	Visit "The First To Fly" and build a Wright Flyer wing rb and fly a simulator of a sport plane. Space glider handouts will be available.
ICOD	35	Inventors Council of Dayton	See a 1/32 scale Wright Flyer in a wind tunnel, a fuel cell car, a time tunnel, rover and rocket guidance demos with 3D stereo pictures, plus more.
IEST & ISA	38	Institute of Environmental Science & Technology & International Society of Automation	IEST - IR camera, shaker table with balsa airplane and composite mat; ISA - Instrumentation with strain gage, weight balance, and thermocouples.
IIE	H2	Institute of Industrial Engineers	Students determine steps needed to get ready for school within 30 minutes.
INCOSE	23	Intern. Council on Systems Engineering-Wright Bros. Chap.	Make paper airplanes to fly and other engineering projects.
IST	32	Infoscitex Corporation	Hands-on demonstration of fixed wing flight.
Kirkmont	36	Kirkmont Center	Do your own hardness and acid tests on rocks using a variety of rock samples, vinegar and a ceramic tile - there is more at Kirkmont Center.
Kiwanis	13	Kiwanis Club of Dayton	Students will be given a Sudoku puzzle. When they return the completed puzzle to the exhibit table, they will receive a candy prize.
LMC	4	Lockheed Martin Corporation	Lockheed Martin aircraft display featuring an Ohio Air National Guard pilot demonstrating equipment worn while flying the F-16 fighter.
MVAS	15	Miami Valley Astronomical Society	Demonstrations and handouts given on astronomy.
MVSPE	A3	Miami Valley Society of Plastics Engineers	Showing how tooling and plastics relate to programs at Sinclair.
NMUSAF	2	National Museum of the USAF	Learn how an aircraft is controlled in flight and make your own controllable paper aircraft.
NPS	33	National Park Service	Exploring aviation with the Wright brothers in Dayton, Ohio.
NSBE-DAE	A6	National Society of Black Engineers-Dayton Alumni Extension	Scientific and engineering-based experiments will provided.

NWS	46	NOAA, National Weather Service	Hands-on display of how wind speed and direction can be measured. Convert Knots to MPH. See a display of current weather information.
OSHP	A1	Ohio State Highway Patrol	Display technology and techniques used in crash reconstruction and speed enforcement, including the LASER and RADAR measuring devices used.
PMI	H3	Project Management Institute-Dayton/Miami Valley	Learn to organize tasks locally to meet project requirements. Have fun with simple projects. Become good with planning school projects.
RRI	E7	Riverside Research Institute	We offer exciting hands-on science activities and 4D interactive animations.
SAE	10	SAE International	Come design, build, and test your very own skimmer boat! Fun for all ages!
SAFE	H4	SAFE Assn-Wright Bros. Chapter	The exhibit will consist of manikins, an ejection seat and other items related to research and development in the fields of safety and survival.
SCC-AVT	43	SCC-Aviation Technology	Flight Simulator and displays for aircraft maintenance (parts).
SCC-ET	42	SCC-Electronic Engineering Technology	Display of information about robotics programs.
SCC-ETD	E4	SCC-Engineering Technology Design	Solar car racers on a track with flood lights to operate racers. Backhoe simulator. Structural bridge assembly and load readout.
Segway	A4	Jeff Fryman of Cincinnati	Experience riding and operating a Segway, the personal transporter, with a certified instructor.
SME & Gosiger	49	Society of Manufacturing Engineers & Gosiger, Inc.	We will have a laser set up to laser etch pens or dog tags personalized for children.
SW	11	SunWatch Indian Village & Archaeological Park	A display featuring ancient technology and modern archaeological methods for interpreting the past.
ThinkTV	37	ThinkTV Network-PBS	Think TV, Dayton's PBS station, offers multimedia interactive educational resources for PreK-12 educators and students in the Miami Valley.
TMS	5	The Mars Society	Posters and illustrations of Mars Exploration; slide show; hands-on demonstrations.
UD-BIO	26	UD- Biology Dept.	Hands-on experience with vertebrate anatomy for students interested in Biology, Medicine and Veterinary School.
UD-CME & AIChE	31	UD-Chemical Engineering & American Institute of Chemical Engineers	A hands-on activity where you will be taking common household items and through a chemical reaction making a new fun product.
UD-ED	22	UD-School of Education & Allied Professions	We will have hands-on science activities that practice observations and inferences (you will discover the meaning of this word).
UD-EOP	H5	UD-Electro-Optics Program	Laser light demonstrations with applications to optical communication celebrating the 50th Anniversary of the Laser.
UD-ETHOS	18	Engineering in Technical Humanitarian Opportunities of Service Learning	We will demonstrate different types of renewable and sustainable energy, and how we can help in the U.S. and around the world.
UD-GEO	6	UD-Geology Dept.	We will be teaching kids about the joys of geology through projects such as fossil finding.
UD-IEEE	E6	UD-Institute of Electrical & Electronic Engineers-Student Section	We'll show how a guitar note is processed and generated through use of MATLAB, the technical computing software for engineering and science.
UD-MAE	48	UD Mechanical & Aerospace Engineering Dept.	Hands-on activity with the theme of energy-sustainability (energy that meets the present needs without hurting future generations).
UD-PHY	29	UD-Physics Dept.	Our exhibit will illustrate resonance phenomena with hands-on experiments.
W.O.W! & AIAA	12	WPAFB-Wizards of Wright & AIAA	See aerospace fundamentals along with marvels of science.
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WSU-BIO	25	WSU-Biological Sciences Dept.	Explore the world of biology and the natural sciences. Hands on experiments, live organisms, and new technology in the field of biology.
WSU-CECS	E8	WSU-College of Engineering and Computer Science	Interactive K'NEX models, information about engineering and computer science, large motorized K'NEX ball drop and mini Baja vehicle.
WSU-EES	17	WSU-Earth & Environmental Sciences Dept.	Earthquake: How scientists locate epicenter and estimate magnitude of earthquake. A foot-on and hands-on demonstration of earthquake.
WSU-MATH	19	WSU- Mathematics & Statistics Dept.	Hands-on computer demonstrations of the interplay between algebra and geometry.
WSU-PHY	30	WSU-Physics Dept.	Hands-on demonstration and activities illustrating the Laws of Physics.
WSU-PSY	3	WSU-Psychology Dept.	Interactive demonstrations of various psychological principles.