

What does ham radio have to do with kids?

The Winn Brook HAMsters are being taught through it. Because of ham radio:

- The HAMsters have more knowledge of geography than most high school students.
- They know that people across the world can share things that make them friends.
- They have a chance to be part of international exploration and adventure.
- They know that science can be a real and enjoyable part of their lives.
- They can see clear goals they can work for and reach now and can see people their own age who have reached those goals, like Mattie Clauson, who at 7 earned the highest level of ham license and has her eyes set on a career in space exploration.
- They have a chance to hear and see history as it unfolds.
- They have discovered need in the aftermath of disaster in Florida and have responded with generosity that has made them internationally famous.
- They have a new supply of mentors to show them how to help build the future.

Why go to a Field Day station?

- See what an active ham station looks like.
- Find out more about the many activities that make up ham radio
- Find out how ham radio has absorbed the Internet instead of being replaced by it.
- Get more information on the past, present, and future of ham radio.
- See how technology a century old blends into the plans for the first privately financed and built Mars probe.
- A lot of the sites are in places that are great for picnics and kite flying.

Where are Field Day stations?

In Eastern Massachusetts, the sites (see http://ema.arrl.org/fd/fd_dir.php) include:

- Larz Anderson Park in Brookline
- Callahan State Park in Framingham
- MIT Student Center in Cambridge
- Tom Nevers Beach Park in Nantucket
- Endicott Park in Danvers
- War Memorial Park in Needham

A Century of ham radio

In November, 1905, the first complete preassembled ham radio station was advertised in Scientific American magazine. It was advertised as including “all batteries and sending and catching wires” for the grand total of \$8.50. The Telimco station had a guaranteed range of a mile, mostly because the antennas were about the size of coat hangers. Commercial broadcasting started 15 years later.

In 2005 the number of countries listed as valid ham radio entities exceeds the number of United Nations members by over 100. Ham operators provide the signals to calibrate the radio telescope at Arecibo and have put over 50 satellites in orbit, including AO-7, the oldest functioning manmade object in orbit. After developing the technology used in cell phones and WiFi, hams are now working with digital audio, video, and ultra high speed data communications. If all goes smoothly, hams across the world will have the first privately financed and built weather station and orbiter on Mars by the end of the decade, extending the range of ham stations from 240,000 miles to 40,000,000 miles.

A century has passed, but ham radio is still building the future.

Who could a kid meet on the ham bands today?

ASTRONAUTS IN SPACE, SUMMER 2005

International Space Station Commander Sergei Krikalev	U5MIR
International Space Station Engineer John Phillips	KE5DRY
Shuttle Commander Eileen Collins	KD5EDS
Shuttle Pilot James Kelly	KC5ZSW
Shuttle Mission Specialist Charles Camarda	KC5ZSY
Shuttle Mission Specialist Wendy Lawrence	KC5KII
Shuttle Mission Specialist Soichi Noguchi	KD5TVP
Shuttle Mission Specialist Andy Thomas	KD5CHF

ROYALTY / POLITICAL LEADERS

Prince Alberto Grimaldi of Monaco	3A0AG
Prince Yousuf Al-Sabah of Kuwait	9K2CS
Sultan Qabos Bin Said Al-Said of Oman	A41AA
King Juan Carlos de Borbon y Borbon of Spain	EA0JC
King Bhumipol Adulayadei of Thailand	HS1A
Prince Talal bin Abdel Aziz Al Saud of Saudi Arabia	HZ1TA
Queen Noor Alhussein of Jordan	JY1NH
President Carlos Saul Menem of Argentina	LU1SM
Gilles Morin, Deputy Speaker of the Canadian Parliament	VE3VGW

MUSICIANS

Carlo Camerini, Musical Director - La Scala Opera	I2CUK
Patty Loveless (Patricia Ramey), Country singer	KD4WUJ
Larry Ferari, Organist	WA8MKI
Chet Atkins, Guitarist, developed multitrack recording	WA4CZD
Ronnie Milsap, Singer	WB4KCG
Joe Walsh, Rock musician (Eagles)	WB6ACU

STAGE & SCREEN

Andy Griffith, Actor	WA7WYV
Ben Moses, producer, "Good Morning Vietnam"	W6FY
Priscilla Beaulieu Presley, Actress	N6YOS

JOURNALISTS

Art Bell, Talk radio host	W6OBB
Walter Cronkite, former news anchor	KB2GSD
Roy Neal, TV reporter	K6DUE

BUSINESS LEADERS

David B. Leeson, President of California Mikroware	W6QHS
Mickey Schulhof, Head of SONY US	K1OKI
James Treybig, CEO of Tandem	W6JKV

SCIENTISTS & ENGINEERS

Dick Rutan, Test pilot & spaceship designer	KB6LQS
Kathy Sullivan, Chief Scientist NOAA	N5YYV
Dr. Joseph Taylor jr., 1993 Nobel Prize winner in Physics	K1JT

OTHERS

Cardinal Roger Mahoney of Los Angeles	W6QYI
Joe Rudi, former Red Sox first baseman	NK7U