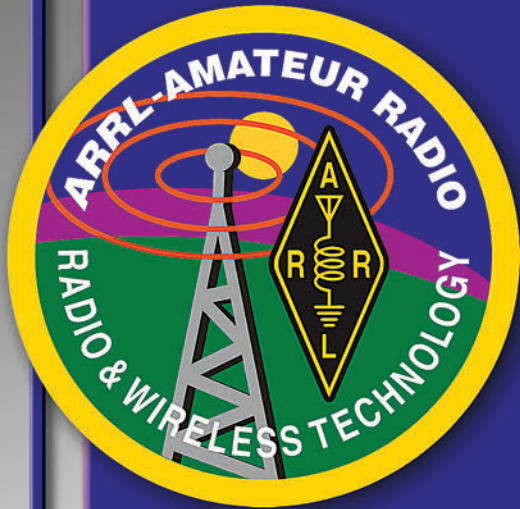


Technology... Fun... Magic!



Earn the ARRL Radio & Wireless Technology Patch!

- Ever wonder how your cell phone works?
- How do we talk to astronauts in space?
- Learn the fundamentals of wireless communication
- Explore radio science through hands-on learning with Amateur Radio
- Use radio communication to talk around the world and for public service and safety
- Learn how wireless technology is used in everyday life and in careers



Amateur Radio provides an exciting and engaging introduction to wireless technology, the fun of hands-on activities, and the magic of radio.

For Girl Scout Leaders

The Radio and Wireless Technology Patch Program will inspire girls to learn fundamentals of radio communication and wireless technology and to take action in their communities to apply communications to connect people, provide safety, and explore related careers. Girl Scouts will have the opportunity to learn about Amateur Radio (also known as “ham” radio) and do hands-on activities with Amateur Radio. They can also learn about broadcast radio, emergency, and public service communication, as well as explore ways wireless technologies are used in everyday life and in the workplace. They will be encouraged to take on activities that engage, educate, and empower them and kindle an interest in Science, Technology, Engineering, and Math (STEM) subjects and careers. The project supports the Girl Scout Leadership Development Program by enabling the following goals for girls:

- **Discover** — Explore the natural world to learn about radio communications and wireless technologies.
- **Connect** — Use knowledge of wireless technology to understand its capabilities and its limitations. Be an informed citizen who understands how wireless technologies are regulated and used.
- **Take Action** — Make a difference in their communities by making friends through radio contacts, providing public service and emergency communications, and raising awareness of career opportunities.



This program is designed for adult facilitators' use with Girl Scouts at the Brownie, Junior, Cadette, Senior, and Ambassador levels.

We encourage Girl Scout leaders to reach out to local Amateur Radio clubs in their communities for assistance with the activities associated with this patch program. The Amateur Radio community includes many individuals who have interests and careers in technology, and who, because of their interest in radio, will also have basic — and sometimes very advanced — knowledge of electronics and other technology topics that you might explore with your troop.

Find the curriculum for the Radio and Wireless Technology Patch Program at www.arrl.org/girl-scouts-radio-patch

Find more information about Amateur Radio at www.arrl.org/what-is-ham-radio

To find a local Amateur Radio club in your community, refer to our database at www.arrl.org/find-a-club



ARRL The national association for
AMATEUR RADIO®

