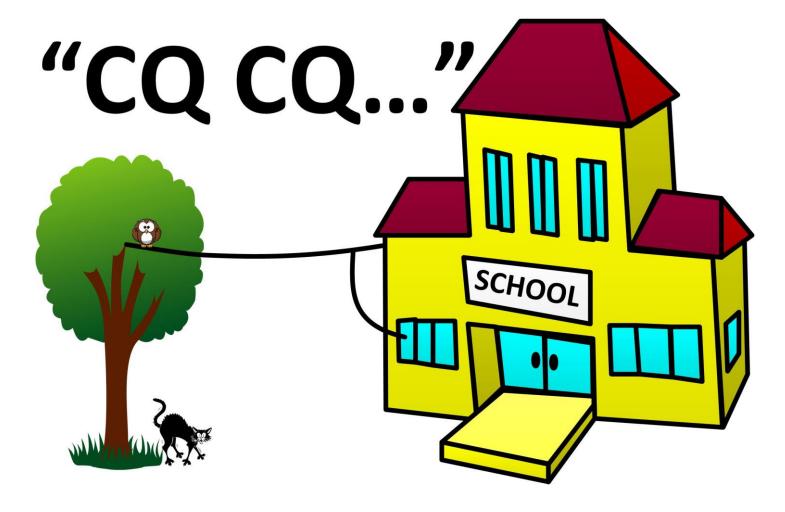
Amateur Radio for Kids



Presented by the School Amateur Radio Club Network: www.sarcnet.org

Amateur Radio for Kids

- •Why should AR be interested in kids?
- •What does AR have to offer kids?
- •What do kids love about AR?
- •What AR operators can do for kids?
- •What AR clubs can do for kids?
- •What the WIA can do for kids?

Why should AR be interested in kids?

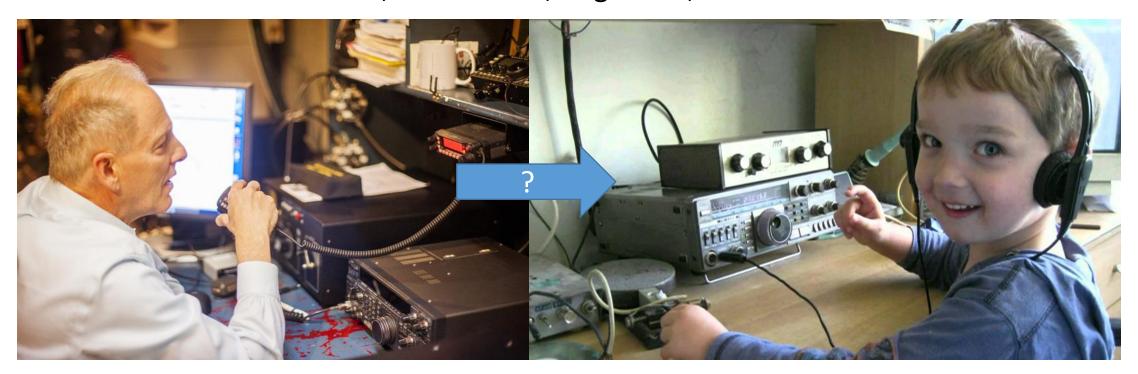
As Amateur Radio enthusiasts it is time to ask ourselves these important questions:

- We are not getting any younger: What happens to all our experience and skills?
- We have achieved so much in our lives. What are we supposed to do next?



Why should AR be interested in kids?

- Who will keep our bands alive and carry on our great hobby?
- How will our radio clubs and societies survive with fewer members?
- Where will new Scientists, Technicians, Engineers, Mathematicians come from?

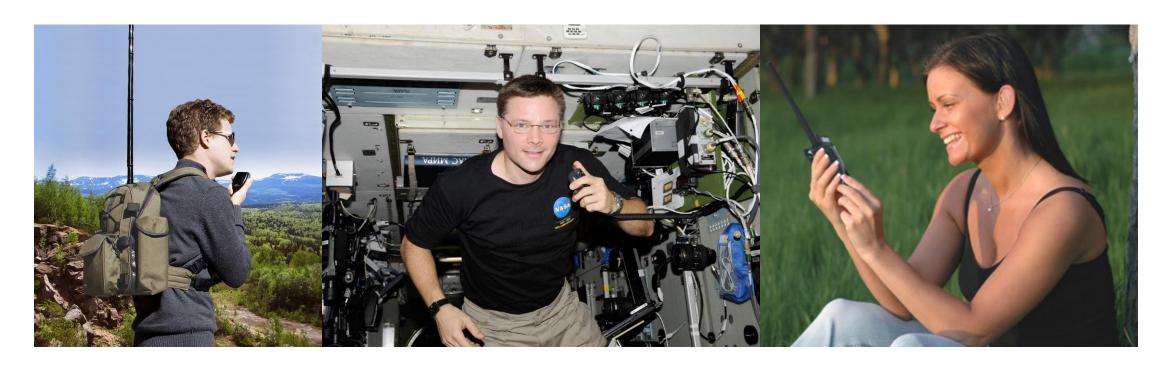


Why should AR be interested in kids?

- Are we still pioneers, innovators and steely-eyed radio men and women?
- Are we still interested in our youngsters, environment, community and country?
- Are we still young at heart and ready to try out something new?



- AR is a historically significant and respected hobby: Enjoyed by millions.
- AR promotes technical self-education and home equipment construction.
- AR provides training in on-air and emergency communications procedures.



- AR has active, community-based clubs of radio enthusiasts.
- We were the first "makers" and "hackers", building our own transmitters from junk.
- AR clubs have regular meetings, guest speakers, newsletters, social activities, annual conventions, training courses, field-days and ham-fests.
- AR clubs provide free community support and free emergency communications.



- AR has challenging international contests and radio sports like: ARDF, SOTA and WWFF.
- AR has books, magazines, websites, blogs and videos to learn new skills and whet their appetite for more.
- AR combines diverse technologies, like vacuum tubes and transistors, and has specialist interest groups like: EME, ATV, QRP, DX.



• AR is more than a licence to communicate, it is a licence to have a conversation with other people from all walks of life, without any introductions and as equals.





• AR promotes communication skills, dialogue and international good will.



- AR is a gateway for kids to get into STEM and higher education.
- AR permits scientific experimentation leading to technical innovation.
- AR promotes the environment including recycling and repurposing of electronics.



- Being part of their own special club.
- Working together with a group of peers their own age.



- Tuning into and listening to far-away stations through the "snap, crackle and pop" of shortwave radio.
- The mystery of who you will contact next and where they might be.
- The satisfaction of doing it by yourself, with your own equipment.



- AR callsigns, "secret" codes, alphabets, jargon and official on-air procedures.
- Morse code games, chasing SOTA and WWFF contacts.



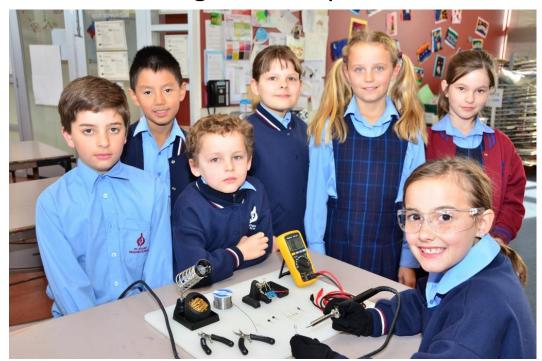
• Tracking AR satellites.



Using AR digital modes and computer-based AR applications.



- Hands-on assembly, soldering and prototyping of their own electronic circuits.
- Equipment deconstruction: Pulling things apart to see how they work.
- De-soldering and component reuse.





• Hidden transmitter and RF Interference hunts.



- Reach out to younger family members and children of friends and neighbours.
- Promote ham-shack special events: Entertaining DX nights, youth on-air skeds etc.



• Organise radio and electronics home construction nights.



- Set up a portable station for school, church and community events with activities and prizes.
- Operate portable in parks, summits, lighthouses and museums and get kids on the air.







 Get a Working With Children Card and reach out to schools, Scouts and other community youth groups.

Write magazine and newspaper articles about your own "AR for kids" experience.









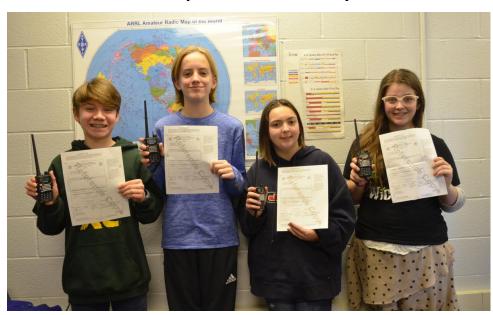
• You need to give out praise and encouragement in spades, take regular breaks and vary the activities.

Remember it is not about you and what you can do: It is all about the kids.





- Establish a youth membership policy (free to under 18s, no licence required).
- Establish a weekly youth programme.
- Establish youth special interest groups and activities.
- Establish a position for youth members on the committee.





- Start a free weekly youth workshop: Advertise it at locals schools, libraries, shops and newspapers.
- Have equipment construction and deconstruction nights. Create club youth projects.



- Participate in National Science Week and local Science Fairs.
- Setup youth exhibitions with kids promoting AR.





- Organise youth field trips (with parents) for SOTA, WWFF, Field Day Contests etc.
- Provide free out-door AR activities for school excursions.
- Provide an AR High Altitude Balloon launch, UAV repeaters or Satellite Tracking outdoor events in parks.



- Start a club youth program with on-air contests with awards for participation.
- Reach out to schools, Scouts, CBers, Makers and other youth community groups.





• Establish a School Amateur Radio Club, roster your members to support it and raise money for school equipment.



- Promote the environment: Recycling and repurposing waste electronics.
- Ban lead solder today! It is bad for your health and the environment.
- Advertise your club Foundation Licence courses at schools, libraries, newspapers.





What the WIA can do for kids

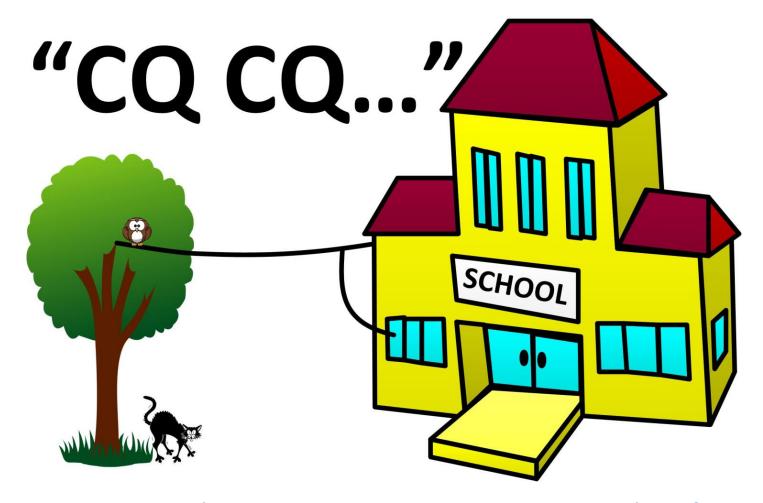
- Establish national guidelines for AR club youth programs
- Promote and sponsor AR club or individual AR youth programs
- Establish national AR Youth On The Air contests
- Establish a regular youth column in AR magazine
- Establish a WIA youth committee chaired by a youth member
- Establish a position for youth membership on the WIA board

The future of AR and kids is in your hands

- Ask yourself:
 - Are you proud of what you have achieved?
 - Who first influenced your interest in science and technology?
 - Who introduced you to Amateur Radio?
 - How old were you, then?
 - Did it change your life?
- What will you do now?
- What will your club do now?
- What will the WIA do now?



The End – Thank You!



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