



P.O. Box 1439 Canora, Saskatchewan S0A 0L0

School Crystal Radio Project General rules of entry

1. Entry Forms to be submitted as soon as possible before 15th APRIL 2017
2. Entrant Projects to be completed and submitted before the end of school term on the 15th June 2017
3. Judging of all entries by Hamfest committee for top ten entries, top ten entries will be displayed at HAMFEST 2017 at PARKLAND ROOM PAINTED HAND CASINO on the 12th August 2017. Top entry in each category to be judged by public and **ham vote**.
4. Prizes and awards to be presented at 15h00 at the Hamfest
5. All entries will be returned to entrants after the Hamfest.
6. Completed projects to be sent or delivered to Leon Fourie (VE5LWF) at 378A Lakeview Rd Yorkton.
7. If required projects from Local schools (Yorkton) can be collected at the school, upon request .
8. Projects from Schools not located in Yorkton to be sent to their local amateur operator (contact Leon for names and contacts in **Canora, Rocanville, Sturgis, Preeceville, Norquay, Melville and Pelly.**)
9. Ten (10) kits are available at cost of \$5.00 from Leon for elementary schools only. Components such as Diodes , Capacitors and Coil wire are available on request at no cost . Further supplies available on E-bay or Kijiji or Amazon.
10. Old Radios and TVs are a wonderful source of recyclable components.
11. More information is available by Googling the words “crystal radio” , images on google provide a wide source of ideas how to make your project better and more presentable.
12. All amateur operators are willing to help with the building or acquiring of supplies or ideas.



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13. The Internet provides a lot of information on crystal radios from the very basic to some really fancy and complicated circuits.

Useful Links:- (A) http://www.sciencebuddies.org/science-fair-projects/project-ideas/Elec_p014/electricity-electronics/crystal-radio?from=Pinterest#procedure

(B) http://www.sciencebuddies.org/science-fair-projects/project-ideas/Elec_p014/electricity-electronics/crystal-radio?from=Pinterest#procedure

(C) http://scitoys.com/scitoys/scitoys/radio/homemade_radio.html

(D) <http://www.peeblesoriginals.com/catalog/manuals/PO-102.pdf>

(E) <http://www.rcgrabbag.com/archives/old-time-radio-fun>

(F) <http://www.mds975.co.uk/archive/Content/crystalsets1.html>

14. GOOGLE crystal radio and go to images to see some interesting variations of radios

https://www.google.ca/search?q=crystal+radio&rls=com.microsoft:en-US&biw=1920&bih=974&source=lnms&tbn=isch&sa=X&ved=0ahUK EwjT1K_8uLvSAhVCwYMKHRWMCJk4KBD8BQgGKAE#imgdii=Q8utuG1NhXIHTM:&imgcr=YbKF .

REMINDER Crystal radios do not need power they are completely independent and safe. Electricity can be dangerous so use caution when using power tools or soldering. See that all old radios and TVs are unplugged and not connected to any power source before attempting to scavenge any parts.

Have fun building your project

Leon Fourie VE5LWF (Project coordinator)