

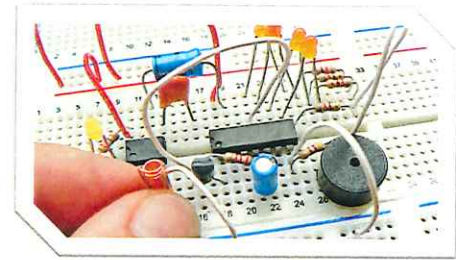
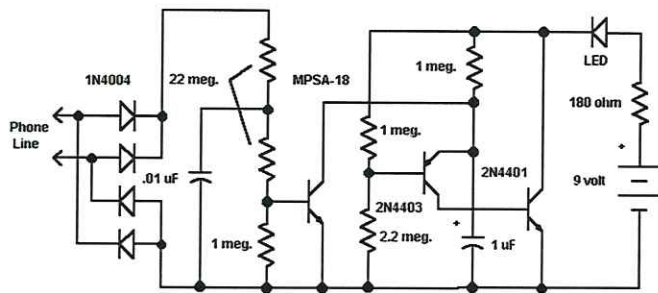
**Columbiana Clippers Amateur Radio & Electronics  
KE8MWV**

**Electrical and radio engineering class  
September 24, 2019  
Mrs. Campbell's Room (High school Biology)**

Thanks for your interest in the Columbiana Clippers Amateur Radio and Electronics Club!

It doesn't matter if you are FCC licensed with electronic experience or if you have no idea about circuits or radio, **YOU ARE WELCOME TO COME CHECK US OUT!** We will be starting the classes from very beginning basic electronics and working our way to building and designing electronic circuits; eventually, sitting for our FCC amateur radio license. All class materials are provided and there is **NO COST** associated with the class. Once we work through some basic theory and safety, you will be issued circuit boards and electronic components that you may take home and start building from schematics. Yes! You will learn to read, understand schematic diagrams! If you receive your FCC license, you will be given a brand new ham radio free of charge thanks to our sponsors! Classes will be after school in Mrs. Campbell's Room (Biology) starting September 24, 2019 immediately after school from 2:50pm- 3:50 pm. We will be having a snack the first day of class so please RSVP if you plan on attending. A signup sheet will be in Mr. Fantones Room, Mrs. Campbell's room and Mrs. Sherwood's room. I look forward to seeing all of you at our first class!

Mrs. Sherwood, KE8LQS  
Sgt. Wade Boley, N8YMX



September 24, 2019

Dear Parents and Students:

Your child has expressed interest in advancing their knowledge in the field of electricity, electromagnetism, circuits and RF radio theory. Mrs. Sherwood, the 7<sup>th</sup> and 8<sup>th</sup> grade science teacher and Sgt. Boley, School resource Officer, who is also a licensed amateur radio operator and has extensive knowledge in this field, will be offering advance classes in electronic theory, troubleshooting, designing and building electrical circuits. Students will learn electrical theory, how to read and design schematics diagrams and will build electronic projects, such as an FM transmitter from scratch. They will also get the opportunity to design and build antenna systems. Students will have the opportunity to learn about computer and cell phone forensic recovery and analysis. Furthermore, for those interested, at the end of these classes, the student should have gained enough knowledge to be able to obtain an FCC Amateur Radio License upon completion of an FCC license examination that will be scheduled locally in the future.

**This class is FREE** This class covers aspects of STEM (Science, Technology, Engineering and Mathematics). Classes will be immediately after school from 2:45pm- 4:00pm on Tuesdays starting September 24, 2019 in Mrs. Campbell's classroom. Both teachers will be present during class time. If your student wishes to participate in this amazing opportunity and you consent please complete and sign the permission slip and return next Tuesday, October 1, 2019 on our next class day. If you have any questions please contact Mrs. Sherwood. At [Ashlee.Sherwood@columbianaschools.org](mailto:Ashlee.Sherwood@columbianaschools.org) or 330 482 5354 ext. 34452

Thank you!

Mrs. Sherwood & Sgt. Boley, SRO

**Permission Slip**

I give my permission for \_\_\_\_\_

To attend after school extra-curricular classes for Electronic & Radio class

On Tuesdays from 2:45:PM- 4:00PM.

I understand this is an extra-curricular activity and the student will not be assessed academically for their participation and that participation is voluntary. I agree to provide transportation for the student.

Signed \_\_\_\_\_

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

(Parent / Guardian)

Parent / Guardian's phone number (home) \_\_\_\_\_

Parent / Guardian's phone number (cell phone) \_\_\_\_\_

Does the child have a food allergy: No \_\_\_\_\_ Yes \_\_\_\_\_ if yes specify \_\_\_\_\_