All of items can be purchased locally. American Welding and Gas and General Distributing give a student discount. Rock Hand, Power Townsend, Murdoch’s, Lowe’s and Home Depot. If you have any questions or cannot afford an item please contact Cindy Galbavy 324-2180 or cgalbavy@helenaschools.org

**Welding Supplies for Welding Students**

**Gloves**- they need to have welding gloves and look something like following picture. [](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=97_ODOwKK2n_0M&tbnid=-Eh_GFMOXd2IgM:&ved=0CAUQjRw&url=http://www.harborfreight.com/welding-gloves-39664.html&ei=WqUoUt_hIuPFigKd1YHIDA&bvm=bv.51773540,d.cGE&psig=AFQjCNHjNLuWdGt6Xi7dxgqK5SXmUp17bw&ust=1378481877283214)

**Safety Glasses**- that are Z87 approved. The first pair is for a student that doesn’t wear glasses. The second pair is for students that wear glasses.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=QNLFbtFLkgnH_M&tbnid=w9FoiN-DbQwY1M:&ved=0CAUQjRw&url=http://www.thomasnet.com/articles/plastics-rubber/safety-glass-applications-design&ei=WaYoUurFIeatigKHjYCAAg&bvm=bv.51773540,d.cGE&psig=AFQjCNFfsqie9rhw0_5ALHbfHnjAY9alWw&ust=1378482032520789)This pair fits over glasses.

You can also purchase if you want but I provide welding goggles: Shade 5 glasses[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=_ei8ebWDa9OewM&tbnid=AvtaOVkxIMYgNM:&ved=0CAUQjRw&url=http://www.northernsafety.com/Product/32068/Bolle-Safety-Slam-Safety-Glasses-with-Welding-Shade-5-Lens&ei=dKsoUvPlGIrWiwLUvoC4DA&bvm=bv.51773540,d.cGE&psig=AFQjCNE-rJ5Zn0c0xpoDM3GlRl59V_eI_w&ust=1378483435085128)

**Pliers** – They need one pair of following pliers. Please buy cheap pliers. [](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=KWPA16B9ton-QM&tbnid=E2W53SARoVwq9M:&ved=0CAUQjRw&url=http://commons.wikimedia.org/wiki/File:Tool-pliers.jpg&ei=qKYoUvT3B6O_igKApYDQBw&bvm=bv.51773540,d.cGE&psig=AFQjCNGeXTmmz43JkGI5XWefDFURjLOIxA&ust=1378482211559392)

**Boots** – They need a pair of leather boots. You can purchase used ones at any thrift store. Here are examples of the boots.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=mzOa2fEwOCfJ_M&tbnid=mjLS69tNJZu3DM:&ved=0CAUQjRw&url=http://www.tlc-direct.co.uk/Main_Index/Safety_Footwear_Index/Footwear_1/index.html&ei=PqcoUt-cJcKdiQK5m4DoAw&bvm=bv.51773540,d.cGE&psig=AFQjCNF1KbBwRO6eSMt0Bj7BxUsPSwFEoQ&ust=1378482362108102)[](http://www.google.com/imgres?start=125&um=1&hl=en&qscrl=1&rlz=1T4AURU_enUS500US500&biw=1347&bih=944&tbm=isch&tbnid=I5cHM7n13G9APM:&imgrefurl=http://www.shopping.com/Justin-Boots-Crazy-Cow/info&docid=5DUgA1WCbeP9VM&imgurl=http://di1-2.shoppingshadow.com/images/pi/87/be/37/101692695-260x260-0-0_Justin%2BBoots%2BCrazy%2BCow.jpg&w=260&h=260&ei=p6coUsnkKoSXigLc04HQDw&zoom=1&ved=1t:3588,r:26,s:100,i:82&iact=rc&page=5&tbnh=197&tbnw=196&ndsp=36&tx=97.10528564453125&ty=117)

**Coveralls or 100% cotton shirt and old pair of jeans**. Jeans cannot have any frays on them.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=HwjpfQCoe3CMrM&tbnid=hICp9sGPzLUhTM:&ved=0CAUQjRw&url=http://workingperson.com/dickies-work-clothes-fisher-stripe-unlined-coveralls-4897-fs.html&ei=HKgoUtTYJqy7jALdiYCADA&bvm=bv.51773540,d.cGE&psig=AFQjCNFvcCxQ7Do9Frhq9d232-6Ipt37RA&ust=1378482572333143)These are about $45.00 or more at Murdoch’s. [](http://www.google.com/imgres?start=106&hl=en&biw=1347&bih=944&tbm=isch&tbnid=K5ru1I9ZiSbCMM:&imgrefurl=http://www.aliexpress.com/item/2012-Black-men-dress-Cotton-shirt-dress-business-men-shirt-FreeShipping-size-S-XXL/525618751.html&docid=gbuQ1kb_-VmvyM&imgurl=http://i00.i.aliimg.com/wsphoto/v0/522401016/Designer-dress-mens-shirt-2012-Fashion-shirts-100-Cotton-shirts-for-men-guys-boy-grid-casual.jpg&w=615&h=609&ei=CKooUtn4F8iZjAKDh4CIDA&zoom=1&ved=1t:3588,r:8,s:100,i:28&iact=rc&page=4&tbnh=184&tbnw=193&ndsp=36&tx=113.15792846679687&ty=99.15792846679687)[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=EFNAarBSbqSPzM&tbnid=0e0Wdz1Bnzxk5M:&ved=0CAUQjRw&url=http://www.frsafety.com/product/100-Cotton-Crewneck-FR-Sweatshirt&ei=QqooUq7MDImJiwKS8oGYAg&bvm=bv.51773540,d.cGE&psig=AFQjCNHXqw5VOpJ06g821AdGNr3ahoUtEA&ust=1378483114935333)old shirt or new 100% cotton shirt.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=3JNVEfhfjwz_0M&tbnid=dZT9h2HNaL6AYM:&ved=0CAUQjRw&url=http://www.ebay.com/sch/Welding-Jackets-/67051/i.html&ei=dqgoUqmyHonMiQLtloBI&bvm=bv.51773540,d.cGE&psig=AFQjCNHyYXMEc6q_Ci_l4_rE3PffRp3EHg&ust=1378482652393184)This coat would also work and I believe they run around $30.00 at American Welding & Gas and General Distributing.

**Measuring Tape 25’**-

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=EPvOvw3ZtUxn0M&tbnid=zPtqS-hmdZI6RM:&ved=0CAUQjRw&url=http://www.bathpacks.com/our-process/measure-for-my-bathpack/&ei=7agoUoOND-aniQLsuoD4BA&bvm=bv.51773540,d.cGE&psig=AFQjCNFOa3j7Yyko3gTrQB3_gh6vQRcDRg&ust=1378482793158156)

**Hat** – old hat that is cotton or you can buy welding cap.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=QCZOy_IX1bEoSM&tbnid=W-8dPIDkoJdnoM:&ved=0CAUQjRw&url=http://www.oceanicworldwide.com/us/oceanic-40th-anniversary-hat/&ei=TqkoUt6SKYmiigLn-oHICg&bvm=bv.51773540,d.cGE&psig=AFQjCNFcK0GumLWv8rWo0Ux3rEx4qBvcHQ&ust=1378482857884371)[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=Br0gR6oTTY3AZM&tbnid=8CxZxZxL8_3HXM:&ved=0CAUQjRw&url=http://www.allamericanhats.com/welding-hats-and-biker-caps/flames/headgear-harley-flames-welding-cap-or-biker-hat-motorcycle.html&ei=lakoUtWwAYbBigLN2IGQAw&bvm=bv.51773540,d.cGE&psig=AFQjCNH3L7Ysh6AE0cpGnyPX3LdB4vDpIQ&ust=1378482944233943)

**Welpers or MIG Pliers**-

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=dtppRfqK4iwGOM&tbnid=vAMvzoG3NRAmaM:&ved=0CAUQjRw&url=http://www.welders-direct.com/mm5/merchant.mvc?Screen=PROD&Store_Code=WD&Product_Code=YS-50&Category_Code=ToT&ei=1akoUvP-HIiLiAK814G4Bw&bvm=bv.51773540,d.cGE&psig=AFQjCNEuxjip3q0R7Pjl8DbxPxEfTi04jg&ust=1378483026261993)

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