“Bucket of Junk” Contest
Superintendent: Curt Beane
Junior Superintendent: Tim Beane

Goal: To design an art piece using scraps of metal and your welding ability and creativity

Three Age Divisions:
6th graders; 7th & 8th graders; 9th – 12th graders

Entry Options:
- Bucket of Junk Contest (not eligible for State Fair selection)
- Science, Engineering & Technology Class 10601 Mechanics (eligible for State Fair selection)

4-H’ers may enter their creation in either the Bucket of Junk Contest or Class 10601 Mechanics or both.

If creation is entered in both –
- 4-H’ers will participate in conference judging with judges using separate criteria for Bucket of Junk entries and Class 10601 Mechanics entries. See criteria listed below.
- Creation will be displayed with the Bucket of Junk entries.

FFA exhibitors may only enter the Bucket of Junk Contest.

Registration:
Contact the Extension office (641-743-8412) by Friday, July 13, 2018, to register.

Rules for either Entry Option
- Exhibitor is to design, fabricate, and complete his/her creation. Adult supervision is recommended, but the finished product must be the “work” of the exhibitor.
- Exhibitor must locate 20 pieces of “junk” to use in making their creation. Lay the pieces on a flat surface, take a photo of the pieces before you begin your creation. Bring this photo with your entry to county fair.
- You can clean, weld, cut, bolt, fasten, bend, shape, paint or finish the items however you choose, but cannot add any additional pieces. Be as creative as your mind lets you…. don’t let the “junk” distract from your creativity.
- Safety is extremely important when completing your creation! Do not leave razor sharp edges or points that would be dangerous. Work with an adult who has knowledge of tools, machines, and proper welding technique.
- Bring your completed project to the 4-H/FFA Center (exhibit building) on Wednesday, July 18th.
- Exhibitors need to provide 4 x 6 or digital photo of creation on judging day for display purposes.

Entry Option – Bucket of Junk Contest (not eligible for State Fair selection)

Judging
- Conference judged Wednesday, July 18th, during your club’s or chapter’s assigned judging time in 4-H/FFA Center.
- All entries will be presented with participation ribbons.

Judging criteria: Scale of 1 to 10 for each category – Total of 40 points
- Creativity, artistic merit
- Technical merit (quality of welds, fasteners)
- Percent of “junk” used from your original 20 pieces, remember do not add any items
- Knowledge of project (from judge’s point of view)

Top two scores in each division will be awarded a prize. Judges will make final decisions.
People’s Choice Voting

- All completed projects will be on display in the 4-H/FFA Center and open to public viewing **6:00 pm Wednesday, July 18th through 1:00 pm Sunday, July 22nd**.
- Jars will be set out for each bucket of junk creation.
- The public can vote by dropping money into the jars; each $.01 counts as one vote.
- Winner of the People’s Choice Award will donate the proceeds from all voting to a non-profit group of his/her choice and Adair County 4-H Booster Fund (50/50).

**Entry Option – Science, Engineering & Technology, Class 10601 Mechanics (eligible for State Fair selection)**

**Judging**

- Wednesday, July 18th, in 4-H/FFA Center. Conference judged during your club’s assigned judging time.
- Exhibit hang tag must be attached to your exhibit.
- Creation must be listed on your exhibit building entry card.
- A written explanation, or audio or video recording needs to accompany your exhibit. Exhibitor should respond briefly to the following questions about the exhibit: (a) What did you plan to learn or do? (b) What steps did you take to learn or do this? (c) What were the most important things you learned?
- Be prepared to explain your design process and the type of materials and welder used.
- Technical merit (quality of welds, fasteners) will be considered.
- Go to the following website for Exhibit Tips on your welding project: [http://www.extension.iastate.edu/4hfiles/projects/hotsheets/MechanicsDesignTipSheet.pdf](http://www.extension.iastate.edu/4hfiles/projects/hotsheets/MechanicsDesignTipSheet.pdf)