

# TECHNOLOGY & INDUSTRIAL

DRAFTING | WOODWORK | METAL | CONSTRUCTION

DEPARTMENT CHAIR: KIM ZINK

## Important Dates for Entries

Forms Due By:	Wed.	Sept 1	4 pm (12 AM online)
Entries Received:	Wed.	Sept 15	10 am to 6 pm
*Corker Building			
Judged:	Sat.	Sept 18	10 am
Released:	Mon.	Sept 27	2 pm – 7 pm

## 7<sup>th</sup> GRADE AND OLDER

### RULES

#### STATE RULES APPLY

- Adults & Students may enter in each of the following categories: Drafting, Architectural Drafting, Graphic Arts, Electronics, Construction, and Manufacturing. A maximum of four (4) entries may be submitted by a student.
- All signatures and information necessary to determine that the exhibit is eligible must be on the entry form. Entry forms received without entry fees or required information will be rejected and returned to exhibitor.
- Students and ROP:** Only projects constructed, fabricated, or made in school under the supervision of an instructor by a student enrolled in an Industrial & Technology Education course will be acceptable. Verification from registrar or administrator may be required.
- Students and ROP:** Only projects started on or after the first day of current school year are eligible for entry.
- Students enrolled in the Industrial & Technology Education Program below the 7<sup>th</sup> grade level will be permitted to enter in the Industrial & Technology Education Competition only if in the instructor's opinion the student's project is worthy of entry. If entry is made it must compete in the 7<sup>th</sup> and 8<sup>th</sup> grade level.
- Regional Occupation Program (ROP) students must enter the Division for the grade they are attending.
- If the project is for sale, please mark "for sale" with sale price on Entry Form. All inquiries regarding sale of entry will be referred directly to the exhibitor.

#### FREE TO ENTER

#### BEST OF SHOW RIBBONS

Industrial Arts • Drafting • Architectural Drafting • Electronics  
Construction – Woods • Manufacturing

**No Cash Awards – Ribbons Only**

**DIVISION 460 – 4H**

**DIVISION 461 – GRADES 7 - 9**

**DIVISION 462 – GRADES 10 - 12**

**DIVISION 463 – FFA HIGH SCHOOL STUDENTS**

**DIVISION 464 – ADULT STUDENTS in ROP**

**DIVISION 465 – ADULT**

## INDUSTRIAL ARTS

### CLASS

- Printing Process (offset, block, embossing, etc.)
- Screen Process Printing
- Logo and/or Typography

## DRAFTING

### CLASS – WORK COMPLETED ON DRAFTING BOARD

- Mechanical Drafting – Multi-View Drawings (include orthographic projection)
- Mechanical Drafting – Pictorial or Multi-Views
- Technical Illustration, Isometrics, Oblique and Perspectives

### CLASS – WORK COMPLETED ON COMPUTER

- Mechanical Drafting – Multi-View Drawings (include orthographic projection)
- Mechanical Drafting – Pictorial or Multi-Views
- Technical Illustration, Isometrics, Oblique and Perspectives.

## ARCHITECTURAL DRAFTING

### CLASS – WORK COMPLETED ON DRAFTING BOARD

- Architectural Working Drawings, Construction Documents, (may include plans, elevations, sectionals, and details)
- Architectural Renderings and Presentations, (may include color)
- Plans and Models – Mechanical. (Any mechanical drawing where a model is constructed, a cut-a-way is made or any other 3-D method is used for illustration. Process photos are encouraged.)
- Plans and Models – Architecture. (Any plan set and model that may be constructed of foam core, cardboard, or stick framing – no kits)

### CLASS – WORK COMPLETED ON COMPUTER

- Architectural Working Drawings, Construction documents (may include plans, elevations, sectionals, and details)
- Architectural Renderings and Presentations, (may include color)
- Plans and Models – Mechanical (Any mechanical drawing where a model is constructed, a cut-a-way is made or any other 3-D method is used for illustration. Process photos are encouraged.)
- Plans and Models – Architecture. (Any plan set and model (model may be constructed of foam core, cardboard, or stick framing). (no kits)

### CLASS - GROUP PROJECT

- Where any two or more students collaborate on a project.

# CONSTRUCTION-WOODS

## CLASS

19. Electric Guitars
20. Furniture Construction (project with materials value less than \$150)
21. Furniture Construction (project with materials value greater than \$150)
22. Hand Carving
23. Lathe Items
24. Toy, jigsaw items
25. Wood Turning
26. Any Other Project Not Listed (including construction projects and wood products)
27. Group Project (any two or more students having collaborated on a project)

# MANUFACTURING

## CLASS

28. Sheet Metal
29. Welding Fabrication/Wrought Iron
30. Machined
31. Castings/Sculpture/Decorative Items
32. Group Project (any two or more students having collaborated on a project)
33. Restoration Projects