



## Department 16 – Natural Sciences - ATCP 160.64

REGISTRATION DATES: APRIL 20 – MAY 20, 2024

CHECK-IN: SATURDAY, JULY 13, 2024 @ 9 AM TO 1:30 PM EXCEPT CLASS I

JUDGING: SATURDAY, JULY 13, 2024 @ 9 AM TO 2 PM EXCEPT CLASS I

JUDGING STYLE: FACE-TO-FACE EXCEPT CLASS I

Lead Superintendent: Ryan Indergand – [inderry@monticello.k12.wi.us](mailto:inderry@monticello.k12.wi.us)

### Natural Sciences Rules and Instructions

- a) **Please read the General Fair Rules & Instructions** document!!
- b) Each entry (except Class I) should have a 3"x5" card which describes:
  - a. Exhibitor grade and number of years in department
  - b. Steps taken to complete this exhibit.
  - c. What have you learned or practiced in completing this exhibit.
- c) To be eligible, work must have been made since the first day after the previous fair to exhibit.
- d) Scrapbooks must not contain any commercial photographs or pictures.
- e) Posters must be no larger than 14"x22", and displays must be no larger than 28"x40", unless otherwise stated.
- f) If graphics/photos/research are not the original work of the exhibitor, the source must be noted on the project. Exhibits that do not cite sources of content that are not the exhibitor's original work will be dropped one ribbon placing and not be eligible for awards.

**All Class Premiums unless otherwise specified: \$ 2.00 \$ 1.75 \$ 1.50 \$ 1.25**

#### **CLASS A – FORESTRY**

##### **Lot**

1. Individual exhibit of 15 or more leaves of native Wisconsin trees (properly labeled). Can be actual leaves, rubbing, or drawings. Include the location where you found the leaves.
2. Exhibit featuring cross section of tree with rings labeled to show interesting times in a tree's history.
3. Collection of 15 or more kinds of tree seeds, mounted and labeled.
4. Piece of handicraft work (Biltmore stick, fire maker, wastebasket, transport board, etc.)
5. Exhibit of five or more tree bark rubbings, with tree identified.
6. Exhibit of equipment and explanation of the process of making your own paper from old paper (include sample)
7. Exhibit of Fire Prevention.
8. Maple syrup, 1 pint in clear mason jar
9. Exhibit, photos of maple syrup making process
10. Any other exhibit related to Forestry.

#### **CLASS B – BIRDS**

##### **Lot**

20. Bird watcher's log of birds observed, summer or winter months.
21. Homemade birdhouse, attach 3"x 5" card explaining work/intended use.
22. Homemade winter feeding station, attach 3"x5" card explaining work and intended use.
23. Scrapbook of at least 10 Wisconsin birds – hand drawn explaining nest type, diet, nesting habits, etc.
24. Exhibit, identify the body parts of a bird and their functions.
25. Any other exhibit related to Birds.

#### **CLASS C – WILDFLOWERS**

##### **Lot**

30. Centerpiece/Flower arrangement using fresh or dried wildflowers.
31. Exhibit showing parts of a flower.
32. A photographic collection of local wildflowers.
33. Exhibit, life cycle of a flowering plant.
34. Exhibit on plant-related careers.
35. Three properly mounted and labeled Wisconsin Wildflowers.
36. Any other exhibit related to Wildflowers.

## **CLASS D – RECYCLING**

### **Lot**

40. A creative exhibit showing a new product (with a new use) invented from an old product. Include pictures explaining the process.
41. Exhibit illustrating 5 recyclable materials and 5 non-recyclable materials.
42. Exhibit on benefits of recycling.
43. Any other exhibit related to Recycling.

## **SPORTFISHING**

ALL HOOKS & SHARP OBJECTS MUST BE COVERED.

### **CLASS E – Gr. 3-6**

#### **Lot**

50. Exhibit – Parts of a fish
51. Exhibit – Types of fish in your area
52. Exhibit – Types of bait
53. Exhibit – Types of fishing knots
54. Exhibit – Types of fishing tackle
55. Exhibit – Tackle box inventory checklist
56. Exhibit – How to cast accurately
57. Exhibit – Differences between bobber and bottom fishing
58. Exhibit – Map of favorite fishing spot
59. Exhibit – Caring for your catch
60. Exhibit – Water cycle

### **CLASS F – Gr. 7-9**

#### **Lot**

65. Exhibit – Selecting the right fishing knot
66. Exhibit – How to use a spinning rod and reel
67. Exhibit – How to cast a bait
68. Exhibit – How to cast a fly
69. Decorated lure or jig

70. Fly wallet
71. Artificial fly
72. Exhibit – Wisconsin fishing laws
73. Exhibit – Cooking fish
74. Soda bottle trap
75. Fish Senses
76. Any other exhibit related to Sportfishing

### **CLASS G – Gr. 10 and up**

#### **Lot**

80. Exhibit – Parts of a fishing reel
81. Exhibit – Fishing reel maintenance
82. Exhibit – How to make artificial lures and flies
83. Cedar wood lure
84. Refurbished rod and reel
85. Exhibit – Types of insects that fish like
86. Sport fishing skillathon
87. Fishing trip plans or report
88. Field Fishing Journal
89. Water inversion experiment
90. Any other exhibit related to Sportfishing.

## **CLASS H – SHOOTING SPORTS EDUCATIONAL EXHIBITS**

### **AIR RIFLE, AIR PISTOL, .22 RIFLE AND .22 PISTOL**

#### **Lot**

100. Rifle or pistol, Exhibit on the proper care, maintenance and handling
101. Rifle or pistol, Exhibit identifying the parts and the purpose of each part (use 14"x22" poster)
102. Rifle or pistol, Exhibit illustrating all of the different sites (14"x22")
103. Rifle or pistol, Exhibit illustrating all four (4) rifle firing positions or all four (4) pistol firing positions
104. Rifle or pistol, Exhibit showing types of equipment and accessories
105. Rifle or pistol, Report or Scrapbook of competitive experience or clinic outside of your youth organization (competition must have been held between last year's fair and this year's fair)
106. Rifle or pistol shooting journal showing improvement in target progress & explaining the process that you used
107. Rifle or pistol, Any other exhibit related to rifle or pistol.

### **SHOTGUN**

#### **Lot**

110. Shotgun, Exhibit illustrating and briefly explaining proper sight alignment
111. Shotgun, Exhibit identifying the parts and the purpose of each part (poster 14"x22")
112. Shotgun, Exhibit illustrating the different sights (poster 14"x22")
113. Shotgun, Homemade shell pouch
114. Shotgun, Exhibit describing the differences between shooting skeet/trap/clay pigeons (poster 14"x22")
115. Shotgun, Exhibit illustrating "how to" clean and care for
116. Shotgun, Any other exhibit related to shotgun
117. Shotgun, Report or Scrapbook of competition or clinic outside of your youth organization (competition must have been held since last year's Fair).

### **MUZZLELOADING**

#### **Lot**

120. Muzzleloader, Make your own "possibles" bag or powder horn
121. Muzzleloader, Make your own accessory
122. Muzzleloader, Exhibit explaining the proper steps to cleaning after use. (poster 14"x22")
123. Muzzleloader, Create a Scrapbook depicting attendance at a "Rendezvous" (i.e. Bloody Lake)
124. Muzzleloader, Put together a period appropriate costume for a "Rendezvous" event; 1830's fur trading era.
125. Muzzleloader, Any other exhibit related to muzzleloader

### **ARCHERY**

#### **Lot**

130. Archery, Exhibit identifying parts of a bow and purpose of each (14"x22")
131. Archery, Exhibit of homemade accessory or equipment (i.e.: quiver, arm guard, finger tab, glove, or bow case)
132. Archery, Exhibit illustrating different kinds of arrows (14"x22")
133. Archery, Exhibit illustrating different kinds of bows (14"x22")
134. Archery, Exhibit of drawings or pictures showing proper shooting techniques
135. Archery, Scrapbook explaining a bow hunting or bow fishing experience
136. Archery, Homemade bow rack or arrow holder
137. Archery, Any other exhibit related to archery

## CLASS I – SHOOTING SPORTS TARGET SHOOTING

### Rules & Exhibiting Instructions

- a) Youth organizations must declare their County Fair Shoot date(s) and alternate date policy to the Green County Fair Office at least 4 weeks prior to the county Fair Shoot date, and by no later than May 1<sup>st</sup>. Alternate or make-up shoots must be declared before the shoot begins.
- b) County Fair Shoots must be overseen by qualified youth organization staff or volunteers, who are knowledgeable about the specific Shooting Sports discipline.
- c) County Fair Shoots cannot occur at an exhibitor's home.
- d) County Fair Shoots must be overseen by 2 adult leaders of their youth organization, who shall sign a witness statement, verifying that the scores and the targets and the electronic spreadsheet for the Fair Shoot are correct. Targets/scoresheets cannot be scored by an exhibitor's direct relative.
- e) Targets/scoresheet must be signed by the shooter and the adult scoring the target/scoresheet.
- f) Holes that break the ring are scored at the higher value.
- g) If a target has more holes than is requested, the highest shot value will be disregarded.
- h) On target tallies and individual bull scores are allowed.
- i) Youth involved in multiple youth organizations can only enter a lot one time, and must declare what group they are exhibiting through prior to shooting. A youth who enters the same lot through multiple organizations will only be credited for their lowest score.
- j) **All targets (or scoresheets if competing in shotgun) and an electronic spreadsheet of results need to be turned in by a Youth Organization Leader to the Green County Office by June 6, 2024.** Each target/scoresheet and the spreadsheet must include the name of the shooter, grade completed, position (prone, standing, kneeling, resting on bench, one-hand, two-hand, etc.), sights for .22 rifle or pistol (iron or optical), bow style for archery (bare bow, 1 aid or freestyle) and total score clearly labeled on the front left corner of the target. Multiple targets should be paper-clipped together.
- k) Exhibitors need to include their individual entries on FairEntry in the correct department, class and lot number for the target or scoresheet to be judged, displayed and earn Green County Fair premium.
- l) Standard National Rifle Association (NRA) and National Field Archery Association (NFAA) rules and definitions apply unless superseded by rules below.
- m) Discrepancies will be decided by the Green County Fair Natural Sciences Department Superintendent.

## **Archery Target Shooting**

- a) National Field Archery Association single shot or 5 spot target must be used. Shooters must choose single or 5 spot prior to beginning their Fair Shoot.
- b) Arrows: Only target or field points are to be used. NO hunting points.
- c) Youth are allowed 2 practice rounds (5 arrows each) before the Fair Shoot scoring begins. Practice rounds are on the fair targets, just not recorded.
- d) Youth shoot 6 groups (flights) of 5 arrows each for a total of 30 scoring arrows and a total of 150 possible points. The scoring is X's 5 4 3 2 1 0. The x's are used for tie breakers and are worth 5 points too.
- e) Any arrow or target touched before scoring must be scored as a zero. All arrows that miss the target or hit the wrong target must be scored as a zero.
- f) Any questionable call will immediately be determined by the Range Commander, whose decision will be final.
- g) Bounce outs or pass-throughs will be scored only if the judge can unquestionably determine the point of impact; otherwise these will be reshot at the end of the round.
- h) No coaching allowed on line during the match.
- i) Event tiebreakers will be the most number of X's; second tiebreaker will be the most Xs in the last two ends.
- j) All types of bows (except foot bows and crossbows) are permitted, e.g. recurves and compounds.
  - a. BareBow – Any long bows, re-curves, or compound bows without the aid of mechanical releases, stabilizers or sighting devices. (Sight brackets must be removed from the bow, no peep or other string sights may be used. Must be shot with fingers.)
  - b. One Aid – can use one aid (sight, stabilizer, release, etc.) No laser sights are permitted.
  - c. Freestyle – can use 2 or more aids ( sight stabilizer, release, etc.) No laser sights are permitted.
- k) Required Shooting Distances:
  - a. Grades 3-5 = 10 yards
  - b. Grades 6-8 = 15 yards
  - c. Grades 9 & up = 20 yards

### **Lot**

140. Archery Target, Bare Bow – Gr. 3-5
141. Archery Target, Bare Bow – Gr. 6-8
142. Archery Target, Bare Bow – Gr. 9 & up
143. Archery Target, 1 Aid – Gr. 3-5
144. Archery Target, 1 Aid – Gr. 6-8
145. Archery Target, 1 Aid – Gr. 9 & up
146. Archery Target, Freestyle – Gr. 3-5
147. Archery Target, Freestyle – Gr. 6-8
148. Archery Target, Freestyle – Gr. 9 & up

## **Air Rifle & BB Gun Target Shooting**

- a) All shooters and any other persons on or in the immediate vicinity of the firing line must wear adequate eye protection.
- b) Ten Pellets or BB's must be counted out before each scoring position is shot.
- c) All rifles and BB guns must be loaded and shot in a single-shot capacity only.
- d) Legal kneeling rolls are allowed in the kneeling position.
- e) Slings are not allowed in the standing position.
- f) Ties will be broken with the greatest number of "tens" then best score in standing position. Then the greatest number of "tens", the greatest number of "eights", etc.
- g) **BB Gun Rules**
  - a. NRA AR – 4/10 Targets shot at 5 meters; Paper or Electronic scoring
  - b. BB Gun open and Aperture sights maximum FPS of 300 (no magnified or telescopic lenses allowed) Daisy Model 499B fits these parameters.
  - c. The timer limit is 10 minutes for bench rested, bench unrested, kneeling and 15 minutes for standing. A 5-minute change over and sighting periods will be allowed before shooting the next position.
  - d. A BB gun is any type .177 caliber pneumatic or spring air and will not exceed 300fps. Guns with trigger pull less than 1.5 pounds will not be permitted.
  - e. No shooting jackets, shooting gloves, or other shooting aids attached to the gun or shooter, except slings as noted above, are allowed.
  - f. When shooting from the bench position the shooter is allowed to sit on a chair or stool
  - g. We will follow published NRA BB Gun Rules for questions outside of the above stated:  
<http://competitions.nra.org/media/8919/2023-bb-gun-rules.pdf>
  - h. 30 total scored shots. 10 scored shots on each of the 3 targets in the following positions:
    - Grade 3 positions – Rested bench, unrested bench, and rested prone
    - Grade 4 positions – Rested prone, sling prone, and sling kneel
    - Grade 5-6 positions – Sling prone, sling kneel, and unsupported standing
- h) **Air Rifle Rules**
  - a. Official 10 meter Air Rifle, (AR5/10) targets shot at a distance of 10 meters. Paper or Electronic scoring.
  - b. Open or Aperture sights, maximum 700 fps and new purchase value of \$650 (no magnified or telescopic lenses allowed) Daisy Avanti, Crossman Challenger fit these parameters.
  - c. The timer is 10 minutes for prone and kneeling and 15 minutes for standing. A 5-minute changeover and sight in period will be allowed before the next position is shot.
  - d. All rifles will be .177 caliber pneumatic, spring air, compressed air, or CO2 powered.
  - e. Any rifles must have a trigger pull weight of at least 1.5 pounds.
  - f. Shooting gloves and slings are allowed.
  - g. No shooting jackets or other shooting aids attached to the rifle or shooter, except slings and gloves, are allowed.
  - h. We will follow published National Standard Three-Position Air Rifle Rules for questions outside of the above stated:  
<http://thecmp.org/wp-content/uploads/2021/04/3PARRules.pdf?vers=111722>
  - i. 30 total scored shots. 10 scored shots on each of the 3 targets in the following positions:
    - Grade 6-8 positions – Sling prone, sling kneel, and unsupported standing
    - Grade 9 & up positions – sling prone, sling kneel, and unsupported standing

### **Lots**

- |      |                         |      |                               |
|------|-------------------------|------|-------------------------------|
| 150. | BB Gun Target – Gr. 3   | 153. | Air Rifle Target – Gr. 6-8    |
| 151. | BB Gun Target – Gr. 4   | 154. | Air Rifle Target – Gr. 9 & up |
| 152. | BB Gun Target – Gr. 5-6 |      |                               |

### **Air Pistol Target Shooting**

- a) (NRA B-40-4) will be shot from a distance of 10 meters (32'9"), 20 shots, 4 bulls, 5 shots on each bull and 2 bulls from each position. Paper or Electronic scoring.
- b) No sighters on fair targets
- c) Use Wadcutter pellets and a fresh cardboard backer to provide scorable holes.
- d) No High Velocity Pistols will be allowed (must be <700 ft/second)
- e) Safety glasses are required for shooters and spectators within 10 meters of the firing line.
- f) Pistols must be loaded and fired in a single shot fashion only.
- g) Ties will be broken with the most number of "tens", most number of "nines", most number of "eights", etc.

#### **Lot**

160. Air Pistol – Gr. 3-5 – Full bench rested and elbows
161. Air Pistol – Gr. 6-8 – Elbows and two handed
162. Air Pistol – Gr. 9 & up – Two handed and one handed only

### **.22 Rifle Target Shooting**

- a) NRAA-17 Targets shot at 50 ft. Paper or Electronic Scoring.
- b) Participants must be 12 years old and have hunter education safety certificate.
- c) Slings are allowed in prone and kneeling positions.
- d) No hyper-velocity ammunition will be allowed.
- e) Target grade loads.
- f) Ties will be broken with the most number of "tens", most number of "nines", most number of "eights", etc.
- g) 30 total scored shots. 10 scored shots on each of the 3 targets in the following positions:
  - a. Grade 6-8 positions: sling prone, sling kneel, and unsupported standing
  - b. Grade 9 & up positions: sling prone, sling kneel, and unsupported standing

#### **Lot**

165. .22 Rifle, Iron Sights – Gr. 6-8
166. .22 Rifle, Iron Sights – Gr. 9+
167. .22 Rifle, Scope Sights – Gr. 6-8
168. .22 Rifle, Scope Sights – Gr. 9+

### **.22 Pistol Target Shooting**

- a) NRA A-17 Targets shot at 50 ft. Paper or Electronic Scoring.
- b) Participants must be 12 years old and have a hunter education safety certificate.
- c) Slings are allowed in prone and kneeling positions.
- d) Barrel Length cannot exceed 12 inches, overall length of hand gun cannot exceed 14 inches.
- e) Ties will be broke with the most number of "tens", most number of "nines", most number of "eights", etc.
- f) 30 total scored shots. 10 scored shots on each of the 3 targets in the following positions:
  - a. Grade 6-8 positions: sling prone, sling kneel, and unsupported standing
  - b. Grade 9 & up positions: sling prone, sling kneeling, and unsupported standing

#### **Lot**

170. .22 Pistol, Iron Sights – Gr. 6-8
171. .22 Pistol, Iron Sights – Gr. 9+
172. .22 Pistol, Scope Sights – Gr. 6-8
173. .22 Pistol, Scope Sights – Gr. 9+



### **Shotgun Target Shooting**

- a) Participants must be 12 years old and have a hunter education safety certification.
- b) Score sheet must include the hits and misses in order; a hit is indicated with a 1, slash or x while a miss is indicated with a 0.
- c) Shooters will fire from the 16-yard line.
- d) Everyone will shoot two consecutive rounds of 25 clays, one round from each house. NO practice rounds will be thrown. No shells longer than 2 ¾" except .410 gauge.
- e) Trap loads only, magnum, or baby magnum loads, are not permitted.
- f) Shot sizes 7 ½ to 9 only.
- g) In the event of ties, awards shall be decided on the basis of the longest run of hits in the total event beginning with the first target hit. Amateur Trap Shooters Association rules govern, except for the rules noted above.

#### **Lot**

175. Shotgun Score Sheet – Gr. 6-8
176. Shotgun Score Sheet – Gr. 9 & up

### **Muzzleloading Target Shooting**

- a) All shooting shall be done unsupported standing, no slings, rests, aids or shooting coats.
- b) Only weather appropriate clothing, shoes or boots
- c) No clothing designed to aid in shooting stability.
- d) Shooters will wear appropriate safety glasses and hearing protection.
- e) All target shall be shot from a distance of 25 yards
- f) Shooter may use a Patched round ball or full bore conical. No sabots.
- g) A max of 60 grains of black powder or black powder substitute may be loaded.
- h) Loading must take place at the loading bench separated in from the firing position by 4 ft. minimum.
- i) Shooters must only cap/charge pan at the shooting position with the muzzle down range.
- j) Targets National Muzzleloading Rifle Association targets shall be used.
- k) 17 rounds for score – 1 shot shall be fired at each of 5 animals on the Hafner Combination Target TG0901. 2 shots fired at each of the 6 bottles on the TG2427 bottle target.
- l) Loading blocks are permissible, all powder will remain closed unless actively measuring a charge.

#### **Lot**

180. Muzzleloading Target – Gr. 6-8
181. Muzzleloading Target – Gr. 9 & up

## **CLASS O – INSECTS**

#### **Lot**

200. Gr. 3-5, Exhibit of at least 10 kinds of insects from 6 Orders (more than 10 are allowed)
201. Gr. 6-8, Exhibit of at least 20 kinds of insects from 9 Orders (properly identified), (more than 20 are allowed)
202. Gr. 9 and up, Exhibit of at least 30 kind of insects from 9 Orders (properly identified), (more than 30 are allowed)
203. Exhibit on life cycle of two insects
204. Exhibit identifying parts of an insect
205. Exhibit on proper labeling of insects
206. Scrapbook of 10 Wisconsin insects, hand-drawn and properly labeled
207. One jar or one cake of honeycomb to be between ½ to 1 lb. –
208. Any other exhibit related to insects.



## OUTDOOR ADVENTURES

LIMIT OF 2 ENTRIES PER CLASS.

### CLASS P – Gr. 3-6

**Premiums: \$2.00 \$1.75 \$1.50 \$1.25**

#### Lot

- 215. A simple day pack from plans or a kit
- 216. A scrapbook of activities involved with an adventure activity
- 217. Any piece of handmade adventure equipment made by the exhibitor
- 218. Any other display exhibit related to Adventures

### CLASS Q – Gr. 7-9

**Premiums: \$2.50 \$2.25 \$2.00 \$1.75**

#### Lot

- 225. Exhibit based on library research that shows the calories needed to sustain a person of a given weight when hiking with a pack
- 226. A menu for a day's outdoor adventure

- 227. Exhibit showing guidelines for selecting a backpack or a sleeping bag
- 228. Exhibit illustrating how to pack a canoe so it is waterproof in a rainstorm
- 229. Exhibit of adventure gear items made by exhibitor
- 230. Any other exhibit related to Adventures

### CLASS R – Gr. 10 and up

**Premiums: \$3.00 \$2.75 \$2.50 \$2.25**

#### Lot

- 235. A reflector oven made by exhibitor
- 236. Exhibit of dehydrated camping foods and their calorie content
- 237. Exhibit of orienting and map reading skills
- 238. Exhibit of items of adventure gear the member has made
- 239. Any other exhibit related to Adventures

## CLASS S – HUNTING / TRAPPING / WILDLIFE / ECOLOGY

#### Lot

- 245. Booklet (8 ½ x 11") identifying game birds and/or animals and/or furbearers, including habitat, feeding habits and hunting/trapping regulations. Grades 3-5: Minimum = 3; Grades 6-8: Minimum = 5; Grades 9+: Minimum = 7.
- 246. Hunting/Trapping conservation exhibit (14"x22")
- 247. Exhibit identifying an animal you would hunt with a bow and its habitat ( 14"x22")
- 248. Exhibit identifying 5 birds of prey including descriptions of their habitats and feeding habits (14"x22")
- 249. Scrapbook identifying 5 of Wisconsin's Endangered and threatened Species. Include their habitat, feeding, and reproduction, and how their habitat, food, reproduction, disease or circumstances have contributed to their decline.
- 250. Camera Hunt of 10 wildlife photos mounted on 14"x22" poster board
- 251. Any piece of wildlife art or clothing or tools made from wildlife.
- 252. Make your own "possible" bag or powder horn for muzzleloading.
- 253. Exhibit displaying different types of traps and/or cable devices. Label the parts and explain what species each might be used for and reasons you might use one trap vs. another. Board MUST be able to be hung on the wall.
- 254. Taxidermy or home tanned hide completed by the exhibitor. Include photos of the project and process.
- 255. Scrapbook of hunting experience, including preparations, license/permissions needed. Prey's habitat, technique used and general location (state and county).
- 256. Any other exhibit related to hunting, trapping, wildlife, or ecology.

## **GEOLOGY**

### **CLASS T – Gr. 3-8**

#### **Rules and Regulations**

- a) Any form of translucent display can be used.
- b) Minimum of 6 specimens.
- c) Minerals must be labeled. Either by a key or directly labeling the compartment that the mineral is in. Should be typed.
- d) Where the mineral was found (should have date as well).
- e) Themes or ordering by type encouraged (I.E. quartzes, agates, fossils, etc.)

#### **Lot**

260. Exhibit, rock and mineral collection
261. Exhibit, fossil collection
262. Exhibit, rock formation types, how they formed
263. Exhibit, erosion process
264. Exhibit, water feature types
265. Exhibit, soil types
266. Exhibit, glacial processes
267. Exhibit, glacial remnants
268. Any other exhibit related to geology

### **CLASS U – GR. 9 & UP**

#### **Rules and Instructions**

- a) Shadowbox or similar (must be a clear cover).
- b) Specimens labeled or keyed, typed (readable font).
- c) Chemical notation
- d) Where the specimen was found and date.
- e) Specimens should be securely anchored so that it could be displayed vertically or angled.
- f) Minimum of 12 specimens
- g) Themes or ordering by type encouraged (I.E. quartzes, agates, fossils, etc.)
- h) Notation Examples:
  - Rose Quartz
    - $\text{SiO}_2$
    - Purchased, 5-16-19
  - Jasper
    - $\text{SiO}_2$
    - Albany WI, N. Ball Diamond 8-13-20-19

#### **Lots**

270. Exhibit, rock and mineral collection
271. Exhibit, fossil collection
272. Exhibit, rock formation types, how they formed
273. Exhibit, erosion process
274. Exhibit, water feature types
275. Exhibit, soil types
276. Exhibit, glacial processes
277. Exhibit, glacial remnants
278. Any other exhibit related to geology.