



Dresden STEM Merit Badge Clinic 2024 Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Dresden Clean Energy Center and Scouts BSA, Rainbow Council Partnership



**REGISTRATION OPENS May 1st, 2024, and Closes July 26th, 2024.
Register at www.rainbowcouncil.org**

Constellation’s Dresden Clean Energy Center, the nation’s first full-scale, privately financed nuclear power plant, invites Scouts BSA (11 to 17-year age group) to a Science, Technology, Engineering, and Mathematics (STEM) Merit Badge Clinic on August 10th, 2024, featuring Nuclear Science, Engineering, Electricity, Automotive Maintenance, Fire Safety, Bird Study, Electronics, Health Care Professionals, Plumbing, Chemistry, Farm Mechanics, First Aid, and Rail Roding Merit Badges. **Limited class sizes, first come first serve.**

All participants will be provided a tour of the Nuclear Reactor Control Room simulator. Lunch will be provided by Dresden Station.

WHAT	Scouts BSA MERIT BADGE CLINIC
WHERE	DRESDEN NUCLEAR POWER GENERATING STATION 6500 North Dresden Road, Morris, IL 60450
WHEN	SATURDAY, AUGUST 10 th , 2024 Arrival: <i>No later than 7:15am</i> and completed by 3:30pm
WHO	Scouts BSA (Limited number per session for scouts) Parents and Adult Leaders welcome to observe and learn together.
WHY	EXPERIENTIAL LEARNING in Nuclear Science, Engineering, Electricity, Fire Safety, Bird Study, Electronics, Medicine, Plumbing, Traffic Safety, First Aid, Farm Mechanics, Finger Printing, and more Merit Badges.
HOW	REGISTER ONLINE www.rainbowcouncil.org or https://scoutingevent.com/702-74863
CONTACT PERSON:	Bryan Schulte, Work: (815) 416-2296, 3396 Cell Phone: (815) 405-1374 Bryan.Schulte@constellation.com or bryanschulte@comcast.net



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Clinic Only: August 10th, 2024

Opening Ceremony: 7:30 AM

Program: 8:00AM – 3:30PM

Lunch Provided by Dresden Station

Activity Badge Included

Cost \$10.00 per Scout

Adults – Free but must register.

PROVIDE YOUR OWN TRANSPORTATION TO STATION

All Inclusive Camping Weekend

Including COPE and Shooting Sports

August 9th – 11th, 2024

August 9th: 6:00 PM, Check in at Rainbow Scout Reservation

August 10th: Clinic 6:30 AM – 3:30 PM

Late Check-In, No Problem

Buses transport participants to and from Dresden Station. - Lunch Provided by Dresden Station

Activity Badge Included

All Food will be Provided

August 11th: Camp Clean-up 10:00 AM, Checkout

Cost \$60.00

All Participants Must Register

Mandatory BSA Health Form parts A & B

“NO HEALTH FORM - NO PARTICIPATION”

NO CAMPING EQUIPMENT PROVIDED, BRING YOUR OWN EQUIPMENT.





Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



Merit Badges Offered

Nuclear Science	Fire Safety
Electronics	Electricity
Bird Study	Health Care Professional
Plumbing	Chemistry
Automotive Maintenance	Engineering
Farm Mechanics	First Aid (Eagle Required)
Railroading	
Safety	



Merit Badges, Merit Badge Counselors, and Pre-Requisites

Electronic Blue Cards will be used for the First Time at Dresden. All Scouts should be prepared with a blank BLUE CARD. This will be a backup for electronic Blue Cards.

Merit Badge & Counselor (Title)	Class Size	AM PM All Day	Pre-Requisites (Pre-Work) (Must be completed by Scouts prior to event. Evidence must be provided: Photo, Video, Documentation, ETC.)
Bird Study DJ Walker (Dresden Reg Assurance)	10 Room 111	AM PM	Pre-Work Requirements: #2 and #8. What to Bring: Bird drawing with parts labeled. Picture of a bird feeder, bird bath, or bird habitat. Requirements covered at Dresden: 1 - 1½ hour in the classroom and then spend the remainder of the time in the field looking for 20 birds.
Fire Safety Lt. Nick Doerfler Coal City Fire Dept	25 Room 112/113	All Day	Pre-Work Requirements: #6a – Draw home fire escape plan. Create home fire drill schedule, and conduct home fire drill. What to Bring: Your home fire-escape plan and fire drill schedule. Requirements covered at Dresden: Remainder of requirements
First Aid Scott Simpson Ranger LE Phillips Scout Reservation	15 Room 100C	AM PM	Pre-Work Requirements: #1 Satisfy your counselor that you have current knowledge of all First-aid requirements for Tenderfoot, Second Class, and First-Class ranks. (Copy, Photo, of/or Scout Book Sign-off), #2.d., Prepare a first-aid kit for your home. Display and discuss its contents with your counselor. Scout should be ready to fill out worksheet, be prepared to discuss, and participate. Scouts are expected to read First Aid Merit Badge Handbook prior to arrival.
Engineering	20	AM PM	Pre-Work Requirements. #1: Select a manufactured item in your home (such as a toy or an appliance) and, under adult supervision and with the approval of your counselor, investigate how and why it works as it does. Find out what sort of engineering activities were needed to create it.



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



<p>Engineering</p> <p>Tom Mohr (Senior Reactor Operator/Engineering Dresden Retired)</p> <p>Gage Richert (Manager Dresden Engineering)</p>	<p>Room 106 & 108</p>		<p>Discuss with your counselor what you learned and how you got the information. You can find information on http://www.howstuffworks.com/</p> <p>#2Select an engineering achievement that has had a major impact on society. Using resources such as the internet (with your parent or guardian's permission), books, and magazines, find out about the engineers who made this engineering feat possible, the special obstacles they had to overcome, and how this achievement has influenced the world today. Tell your counselor what you learned.</p> <p>#5. Use the systems engineering approach to design an original piece of patrol equipment, a toy or a useful device for the home, office or garage.</p> <p>Requirements covered at Dresden: Rest of requirements and some fun experiments</p>
<p>Electricity</p> <p>Chris Sulich (Braidwood NPS Equipment Operator)</p> <p>Ray Papach (Clinton NPS First Line Supervisor)</p>	<p>25</p> <p>Room 105 & Electricians Lab</p>	<p>AM PM</p>	<p>Pre-Work Requirements:</p> <p># 2 Complete an electrical home safety inspection of your home, using the checklist found in this pamphlet or one approved by your counselor. Discuss what you find with your counselor.</p> <p># 8 Make a floor plan wiring diagram of the lights, switches, and outlets for a room in your home. Show which fuse or circuit breaker protects each one.</p> <p>What to Bring: Completed home electrical safety inspection (req. #2) and (req. #8)</p>
<p>Electronics</p> <p>Scott Patterson (Dresden NPS CMO)</p>	<p>20</p> <p>Room 104 & Instrument Lab</p>	<p>AM PM</p>	<p>Pre-Work Requirements: All of requirement #2 and #4 demonstrating your work.</p>
<p>Nuclear Science</p> <p>Paul West (LaSalle NPS Nuclear Station Operator)</p> <p>Mark Boaz (Dresden NPS Senior Reactor Operator)</p> <p>Brandon DeGraf (Dresden NPS Lead License Renewal Engineer)</p>	<p>60</p>	<p>All Day</p>	<p>Pre-Work Requirements: All of requirement 1 except (e), Do the following:</p> <p>(a) Explain radiation and the difference between ionizing and non-ionizing radiation.</p> <p>(b) Explain the ALARA principle and the measures required by law to minimize these risks. Describe what safety requirements you will need to consider while performing the requirements in this merit badge. (c) Describe the radiation hazard symbol and explain where it should be used.(d) Explain how we are exposed to ionizing radiation from outside the earth as well as on earth every day. List four examples of Naturally Occurring Radioactive Materials, NORM, that are in your house or grocery store and explain why they are radioactive. 2(a) Tell the meaning of the following: atom, nucleus, proton, neutron, electron, quark, isotope; alpha particle, beta particle, gamma ray, X-ray; ionization, radioactivity, radioisotope, and stability.</p> <p>Requirements covered at Dresden: The rest of the requirements & cool experiments.</p>
<p>Health Care Professionals</p> <p>Marsha Pierce Ph.D. (Assistant Professor Department of Pharmacology Midwestern University)</p>	<p>25</p>	<p>AM PM</p>	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Fill out your portion of the blue card in advance (name, troop, etc.) Pre-Work Requirements:</p> <p>#05. Select one career from any of lists in requirements 1, 2, 3, or 4 and arrange to visit that professional at their workplace. Discuss the following with your counselor, A, B, C, D, E, and F. #09. Serve as a volunteer at a health-related event or facility in your community (e.g. blood drive, "health fair", blood pressure screening, etc.) approved by your counselor. (Need Proof, written letter of participation from organization.)</p> <p>What to Bring: Merit Badge Blue Card and desire to learn.</p> <p>Requirements covered at Dresden: Rest of the requirements with hands on experiences.</p>
<p>Farm Mechanics</p> <p>Brandon Schulte</p> <p>IUOE Local 150 Journeyman</p>	<p>10</p>	<p>AM PM</p>	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Fill out your portion of the blue card in advance (name, troop, etc.) Pre-Work Requirements:</p> <p>#1.d. Describe what a material safety data sheet (MSDS) is and tell why it is used. Obtain the MSDS for any engine coolant, oil, grease, fuel, hydraulic or transmission fluid, or other flammable or hazardous materials you use in meeting the requirements for this merit badge.</p>



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



Farm Mechanics (Continued)	South Garage		<p>Scouts should review this requirement and its components and be prepared to discuss. It is strongly recommended that Scouts bring any notes or supporting documents they may have to help show the counselor that they have prepared for discussion of these items.</p> <p>#2.b. Scouts should also bring their drawing required in 2B ready to share with the counselor during the discussion time in the class.</p> <p>#5 Visit an implement dealer. Interview the dealer technician or service manager for hints on good preventive maintenance. Ask why it is important, the costs, and what causes wear or damage. Report what you learn. Requirement 5 will NOT be covered in the class, HOWEVER, Scouts who can bring documented proof of completing any of the components of this requirement will have an opportunity to share with the counselor their accomplishments and potentially be signed off if the work meets the satisfaction of the merit badge counselor, (saying you did it is not enough, you need to bring proof), I will sign off on the requirement.</p> <p>#7. Find out about three career opportunities in farm mechanics. Pick one and find out the education, training, and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you. Scouts should review this requirement and its components and be prepared to discuss. It is strongly recommended that Scouts bring any notes or supporting documents they may have to help show the counselor that they have prepared for completion of this requirement.</p>
Chemistry Mary Fisher JJ Sulich	15 Room 201	AM PM	<p>Pre-Work Requirements: #4a Cut a round onion into small chunks. Separate the onion chunks into three equal portions. Leave the first portion raw. Cook the second portion of onion chunks until the pieces are translucent. Cook the third portion until the onions are caramelized, or brown in color. Taste each type of onion. Describe the taste of raw onion versus partially cooked onion versus caramelized onion. Explain what happens to molecules in the onion during the cooking process. What to Bring: Desire to learn. Requirements covered at Dresden: Rest of the requirements with hands on experience.</p>
Plumbing Edward Frayne ComEd (Substation Construction)	15 Mechan- ical Lab	AM PM	<p>Pre-Work Requirements: None. What to Bring: Work clothes, long sleeve shirt and denim pants are mandatory do to nature of work. Must be a minimum of 14 years of age at time of event. Desire to learn. ALL Requirements covered at Dresden</p>
Automotive Maintenance Adam Connors	10 South Garage	AM PM	<p>Pre-Work Requirements: #2.h., Find out the requirements for your state's emissions and safety inspections (as applicable), including how often a vehicle needs to be inspected. #2.i., Explain the importance of registering a vehicle and find out the annual registration fee for renewing your family car's registration. #4.c., Explain why wheel alignment is important to the life of a tire. Explain caster, camber, and toe-in adjustments on wheel alignment. #4.e., Explain how to dispose of old tires in accordance with local laws and regulations. #8.a., Diagram and explain the parts of the electrical system. #9.a., Diagram the drive train and explain the different parts. #11.a., Determine the value of three different vehicles you are interested in purchasing. One must be new and one must be used; the third vehicle can be new or used. For each vehicle, find out the requirements and cost of automobile insurance to include basic liability and options for collision, comprehensive, towing, and rental car. Using the three vehicles you chose and with your merit badge counselor's assistance, complete the operation/maintenance chart provided in the merit badge pamphlet. Use this information to determine the operating cost per mile for each vehicle, and discuss what you learn with your counselor. #11.b., Choose a car cleaner and wax product for a vehicle you want to clean. Explain clear-coat paint and the precautions necessary for care. Clean the vehicle, both inside and out, and wax the exterior. Use a vinyl and rubber protectant (on vinyl tops, rubber door seals, sidewalls, etc.) and explain the importance of this protectant.</p>



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



			#12. , Find out about three career opportunities in the automotive industry. Pick one and find out the education, training, and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you.
Railroading Kevin Bach (LaSalle Station Instrument Maintenance FLS) Railroading (Continued)	15 Room 102	All Day	Pre-Work Requirements: #1. Do THREE of the following: (a) Name three types of modern freight trains. Explain why unit trains are more efficient than mixed freight trains. (b) Name one Class I or regional railroad. Explain what major cities it serves, the locations of major terminals, service facilities and crew change points, and the major commodities it carries. (c) Using models or pictures, departure and arrival at your destination, the train number and name, and the type of service you want. (b) List and explain the various forms of public/mass transit using rail. #2. (a) Explain the purpose and formation of Amtrak. Explain, by the use of a timetable, a plan for making a trip by rail between two cities at least 500 miles apart. List the times of departure and arrival at your destination, the train number and name, and the type of service you want. (b) List and explain the various forms of public/mass transit using rail.
Safety William Lange	15 Room 202	AM PM	All of requirement 1 (1a, 1b, 1c, 1d.) 5. Make an emergency action plan for five family activities outside the home (at your place of worship, at a theater, on a picnic, at the beach, and while traveling, for example). Each plan should include an analysis of possible hazards, proposed action to correct hazards, and reasons for the correction you propose in each plan. 6 Plan and complete a safety project approved by your counselor for your home, school, place of worship, place of employment, or community.

General Information

Rainbow Council, Boy Scouts of America and Constellation Generation, Dresden Nuclear Power Station have been in partnership for several years providing youth the opportunity/education of Science – Technology – Engineering - Math (STEM). Dresden Station provides professional experts that can provide their experience and expertise to the STEM program. Not all merit badges are STEM, but are hobbies of employees and outside professionals.

Dresden Station Unit 1 was the first privately financed nuclear power plant in the United States. Unit 1 is a Boiling Water Reactor (BWR) by General Electric and began operation in 1960 creating 197 MW of electricity. Dresden Unit 1 was retired in 1978. Unit 1 is currently at SAFSTOR (SAFe STORAge) status.

Dresden Station Units 2 and Unit 3 began operating in 1970 and are Boiling Water Reactor (BWR-3) designed by General Electric. Each unit produces 940 MW of electricity respectively, enough electricity for 1.5 million homes. Both units are designed to operate for 2 years continuously providing carbon free electricity before re-fueling. Dresden Station employs approximately 600 full time personal.

Rainbow Council is chartered by the Boy Scouts of America and serves communities in Will, Grundy, and Kankakee counties. Rainbow Council is in Lockport, IL at the George S. McGee Service Center. Rainbow Scout Reservation is located on 700-acre scout reservation near Morris, IL. The camp is open year-round supporting all Scout programs and maintains nationally accredited camp status.





Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Scouts BSA and Camping at Rainbow Scout Reservation

All registered Scouts BSA are encouraged to take advantage of this camping opportunity. There will be many program activities available for scouts attending camp. All youth participants must attend Merit Badge Clinic and ride the buses to and from Dresden Station. **Adults/Parents and Troop Leaders shall be responsible** for providing supervision at camp during the entire event. This will be a Jamboree style camping event. If your troop would like to camp alone we will have a couple campsites reserved. Mandatory Boy Scouts of America health form section A and B must be turned in to medical staff upon check-in. **HEALTH FORM A & B WILL NOT BE RETURNED BE, Bring copies.** Scouts will be required to register for weekend camping at www.rainbowcouncil.org or <https://scoutingevent.com/702-68442> . No camping equipment will be provided. **If your scout does not arrive with their troop, they must be accompanied by a parent/guardian to the office to check in to ensure all paperwork is complete. Parents/guardians are responsible for their child and Troop leadership assumes responsibility.**

NO PROVISIONAL CAMPING ADULT LEADERS ARE RESPONSIBLE FOR THEIR YOUTH

Transportation

Transportation is being provided to Dresden Station by charter bus. These are 66 passenger school buses and transport the scouts/adults in the morning and afternoon. **Every scout must realize the importance of being prompt for arriving at designated bus stops.** Troop Leaders/Parents/Adults, Rainbow Scout Reservation Staff, and Dresden MBC Volunteers will make every attempt to ensure youth/adults are on buses for transportation. **PLEASE discuss with your scout the importance of paying attention to bus schedule and details.**

Bus Schedule

Morning of Saturday, August 10th, 2024
Bus load @ Rainbow Council to Dresden Station
6:45 AM – 7:00 AM

Afternoon of Saturday, August 10th, 2024
Bus load @ Dresden Station to Rainbow Council
3:30 PM – 4:00 PM



Round Trip from Dresden Station to Rainbow Scout Reservation



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Clinic Only (PARKING)

Guest will be allowed to park wherever they choose, guest can park in the employee lot. Please be aware of postings and traffic control devices as you enter station property.

Program Description for Camp Activities

The program is constantly being developed for activities at camp by Dresden Merit Badge Committee. Examples are but not limited to: Movie and popcorn in Dining Hall Friday night, touch a truck experience, Rifle and Shotgun shooting, COPE course, waterfront activities (if trained staff is available), and fellowship. The program is organized by a dedicated group of volunteers and cannot guarantee availability of program. Rainbow Council would remind all campers that no program nor lunch will be offered at Rainbow Scout Reservation camp during Merit Badge Clinic hours. No camping equipment will be provided.



Adults/Leaders

Adults/Leaders are encouraged to attend the clinic and camping program. There is no fee for Adults/Leaders attending Clinic Only and lunch at Dresden Station will be provided. Adults/Leaders are required to register at www.rainbowcouncil.org or <https://scoutingevent.com/702-68442>. All adults (Guardians/Parents) staying on RSR property for the weekend must have mandatory Youth Protection training. The fee will be \$55, all-inclusive with food provided. ***Proof of YPT training will be required during check-in. Mandatory A and B health form required. Bring copies, they will not be returned.*** Adults can stay back at camp if they choose. No program or food will be available during Clinic Hours between 7:35 AM – 6:30 PM at Rainbow Scout Reservation. Volunteer opportunities are available to adults that can provide labor/skill at camp to repair/clean/maintain the property. Lunch can be provided to those wishing to volunteer at camp. Must notify event coordinator in advance before closing of registration. No camping equipment will be provided. Adults, Guardians, and Troop leaders are responsible for their youth.



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



RSR Shooting Sports

If your Scout enjoys Shooting Sports, Rifle, Shotgun, and Archery will be offered during open program. There is no additional fee. Mandatory safety brief is required. Ranges will operate on a first come first serve basis. Adults are welcome, but youth come first.



RSR COPE Course

Scouts must be 13 years of age or to participate. Scouts 11-12 years of age may participate at directors' discretion. Weight restriction of 250#'s applies to all participants.

If your Scout likes to Climb, Repel, Zip Line, or Hi Ropes this is for them. This is optional and will be first come first serve basis. There is always a possibility that not all parts of COPE course will be open based on availability of qualified supervision. Mandatory safety brief is required. Safety brief will be given at COPE field as participants arrive for activity.





Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Waterfront

Rainbow Scout Reservation waterfront may be open for swimming during open program if Aquatics director is available. This is optional and will be first come first serve basis. Swim checks are mandatory and buddy system will be enforced. Aquatics director has discretion on accepting or denying current year swim tags. *Waterfront will only be open with an approved Aquatics Director and Staff.* Waterfront will only be open during program hours of 4:30 PM to 6:30 PM on Saturday.



Trading Post

Rainbow Scout Reservation Trading Post will be open during program on Saturday and Sunday. Snacks, Drinks, and Scouting items will be available for purchase during this time.

Special Dietary Needs at RSR

Any Adult/Leader/or Scout that has special dietary needs, shall contact RSR food coordinator for this event. Adult/Leader/or Scout must submit written request for special dietary needs no later than July 26th, 2024. Please fill form out on page 11 of leaders guide and return to food coordinator. Scanned PDF file is preferred. Do not contact Rainbow Council directly, contact event specialist(s) on page 10 of this guide specifically the food coordinator. Make sure any correspondents have “Dresden MBC DIET” in subject field of e-mails. In some rare cases, it may be necessary for the camper/scout/adult to bring some food items, which can then be prepared by the camp staff. No onsite accommodations.

Written requests can be sent to:

ATTN: Theresa Sulich
Tasulich@aol.com



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



Rainbow Scout Reservation strives to serve its campers nutritious meals which meet or exceed all applicable requirements and standards. The variety of foods available at meals is usually adequate to suit the nutritional needs of most campers. In order to meet the needs of participants who have special dietary requirements due to allergies, food intolerances, or other health issues, as well as those who have religious dietary requirements, it is necessary to obtain as much information as possible prior to arrival at camp. Please be as specific regarding exact nature and severity of any allergy or intolerance. This information is necessary to determine whether the individual can simply avoid eating certain foods, whether we need to assess all ingredients in every food, or whether offending foods can or cannot be stored or served where they may contact the individual or things he or she may eat. Additionally, extra time may be required to obtain special foods such as gluten-free breads or vegetarian, vegan entrees or foods made in nut free environments. While RSR attempts to provide meals, which meet these special needs as much as possible, it is still the responsibility of the individual to avoid those foods which he or she is unable to eat. In some rare cases, it may be necessary for the camper to bring some food items, which can then be prepared by the camp staff. No onsite accommodations. **Dresden Clean Energy Center will not be providing special Dietary Needs for Lunch on Saturday.**

RSR Furnished Meals

Friday Evening - Cracker Barrel
 Saturday - Breakfast and Dinner
 Sunday - Breakfast
 Ice water will be available at all times.

Dresden Furnished Meals

Saturday - Lunch w/drink
 Jumbo Hot Dog w/chips and fruit.

Dietary Needs Form

ATTN: Theresa Sulich - Tasulich@aol.com

815-274-7123

Please Print Legibly

Date of Request:	
Name:	
Council:	
Troop:	
Leaders Name:	
Parents Name:	
Main Phone # Contact Person:	
Allergies (yes/no) What is Allergy(s)	Yes No Allergy:
Severity of Allergy(s)	Circle One Moderate Strong Severe

Dietary Needs:	Circle One Vegan Diabetic
Other: Please Explain	
Parent/Guardian Signature and Date:	



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



Dresden Merit Badge Clinic 2024 Schedule - Saturday

<u>Morning AM</u> August 10 th , 2024 <i>Bus Schedule</i> Load buses 6:45AM at RSR <i>Buses Will Run Continuously Roundtrip</i>	<u>Afternoon PM</u> August 10 th , 2024 <i>Bus Schedule</i> (Departure from Dresden) 3:30 PM – 4:00 PM <i>Buses Will Run Continuously Roundtrip</i>
7:45 AM Morning Flags Flag Ceremony Led by Waupewan Lodge Scout Oath and Scout Law	11:30 AM – 12:00 PM LUNCH Training Building Cafeteria Lunch Provided by Dresden Station
7:45 AM – 8:00 AM Classroom Orientation Scouts and Guest locate Classrooms	
8:00 AM – 11:30 AM Morning Merit Badge Session	12:00 PM – 3:30 PM Afternoon Merit Badge Sessions
Half Day AM Sessions Electricity, Electronics, Health Care Professionals, Bird Study, Plumbing, Engineering, Automotive Maintenance, Traffic Safety, Farm Mechanics, First Aid	Half Day Afternoon Sessions Electricity, Electronics, Health Care Professionals, Bird Study, Finger Printing, Plumbing, Engineering, Automotive Maintenance, Farm Mechanics, First Aid
All Day Sessions 8:00AM – 3:30 PM Half Hour Lunch Nuclear Science Fire Safety - Railroading	
Control Room/Plant Simulator Tours every 20-30 minutes Security Simulator – All Day in commons area	
** Automotive Maintenance and Farm Mechanics is located on the East side of station property. ** **Schedule subject to change.**	

Dresden Merit Badge Clinic 2023 Schedule



Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441



Friday August 9 th , 2024	Saturday August 10 th , 2024	Sunday August 11 th , 2024
Check-In RSR (Verify Scout Schedule) (Collect Health Forms and waivers for ALL camping) 6:00 pm – 10:30 pm	5:30 am Revile Wake-Up Call	8:00 am – 9:00 am Grab and Go Breakfast Dining Hall
6:00 pm – 9:00 pm Camp Set-Up 7:30 PM Range Safety Brief Dining Hall	5:45 am – 6:45 am Breakfast (Dining Hall)	9:15 am – 9:40 am Dining Hall Clean-Up
Program Activity Movie and popcorn 8:00 pm Dining Hall	6:45 am Buses Arrive and load at RSR (Begin Transport to Dresden) (Buses will Arrive at 6:30 am)	10:00 am – 11:00 am Break Camp Scouts Dismissed
Cracker Barrel 8:00 pm Dining Hall	7:45 am Opening Ceremony at Dresden	11:00 am – 12:00 Camp inspection Staff and Waupecan Lodge
11:00 pm (Taps) Lights Out	8:00 am – 3:30 pm Dresden Merit Badge Clinic	
	3:30 pm – 4:00 pm (Buses Begin Transport Back to RSR) 4:30 PM Buses are done	
	4:30 pm 6:30 pm Free Time/Open Program	
	4:30 – 6:30 PM Trading Post Open	
	4:30 PM Range Safety Brief at Range's	
	6:30 pm – 7:30 pm Dinner (Dining Hall)	
	7:30 pm – 8:00 pm Dining Hall Clean-up	
	7:30 PM Range Safety Brief Dining Hall	
	8:00pm – 10:00 pm Free Time/Open Program	
	10:00 pm – 10:30 pm Ice Cream and Root Beer Floats	Shooting Sports Safety Brief Will <i>Only</i> be held twice. 4:30 PM at Range Facility. 7:30 PM at Dining Hall (Saturday ONLY)
	11:00 pm (Taps) Lights Out	COPE Safety Briefing Will take place at COPE field. Participants will have a safety briefing as they arrive for participation. (Saturday Only)

** Schedule subject to change. **



Dresden STEM Merit Badge Clinic 2024 Scouts BSA Program Details

Rainbow Council
Boy Scouts of America
George S. McGee Service Center
921 South State St.
Lockport, IL 60441



Errors, Omissions and Disclaimer

This leaders guide has been written as accurately as possible. Merit Badges, Activities, Program are subject to change without notice. All payments are final. No refunds will be offered except for extenuating circumstances as determined by Rainbow Council. Merit Badges are subject to change based on Counselor availability. No guarantee of open program(s) at scout reservation. No guarantee for any open program activities will be made. Shooting Sports staff has discretion to refuse service to participants. COPE staff has discretion to refuse service to participants. **No special dietary needs will be made at Dresden Station.** All scouts should read Merit Badge handbook for respective badge sold at Rainbow Council's Scout Shop, or respective Councils Scout Shop prior to arrival to clinic. RSR staff, Shooting Sports staff, and Rainbow Council will have discretion of closing all program areas due to inclement weather regardless of posted schedule.

Contact Information

**Constellation
Dresden Clean Energy Center
Main Contact**

Bryan W. Schulte
Event Coordinator
Instrument Maintenance Department
Control System Technician
(815) 416-2296, 3396
Bryan.Schulte@constellation.com

Personal
Cell Phone: (815) 405-1374
bryanschulte@comcast.net

**Constellation
Dresden Clean Energy Center**

Dean J. Walker
Assistant Coordinator
Senior Regulatory Specialist
Dresden Regulatory Assurance
(815) 416-2812
Dean.Walker@constellation.com

Personal
Cell Phone: (815) 274-0955

**Rainbow Council
Boy Scouts of America**

George S McGee Service Center
921 South State St.
Lockport, IL 60441
(815) 942-4450

www.rainbowcouncil.org

Theresa Sulich
Food Coordinator/Chef
Tasulich@aol.com

Registration Closes July 26th, 2024 at 6:00 PM





Dresden STEM Merit Badge Clinic 2024

Scouts BSA Program Details

Rainbow Council
 Boy Scouts of America
 George S. McGee Service Center
 921 South State St.
 Lockport, IL 60441

