



Dresden STEM Merit Badge Clinic 2019 Scouts BSA Program Details

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



Dresden Generating Station and Scouts BSA, Rainbow Council Partnership



REGISTRATION OPENS APRIL 1st, 2019 and Closes July 28th, 2019
Register at www.rainbowcouncil.org

Dresden Generating Station, 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 10, 2019, featuring Nuclear Science, Engineering, Electricity, Automotive Maintenance, Fire Safety, Bird Study, Electronics, Medicine, Plumbing, Traffic Safety, Farm Mechanics, Radio, First Aid, & Finger Printing 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.

- WHAT Scouts BSA MERIT BADGE CLINIC
- WHERE DRESDEN NUCLEAR POWER GENERATING STATION
6500 North Dresden Road, Morris, IL 60450
- WHEN SATURDAY, AUGUST 10, 2019
Arrival: *No later than 7:30am* 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, Radio, Farm Mechanics and Finger Printing Merit Badges.
- HOW PREREGISTER ONLINE
www.rainbowcouncil.org Event Registration
- CONTACT PERSON: Bryan Schulte, Work: (815) 416-2296, 3396
Cell: (815) 405-1374
Bryan.Schulte@exeloncorp.com or bryanschulte@comcast.net



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Clinic Only: August 10th, 2019

Opening Ceremony: 7:35 AM

Program: 8:00AM – 3:30PM

Lunch Provided by Dresden Station

Activity Badge Included

Cost \$5.00 per Scout

Adults – Free, but must register.

All Inclusive Camping Weekend

August 9th – 11th, 2019

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

August 10th: Clinic 6:30 AM – 3:30 PM

Buses transport participants to and from Dresden Station. (First Student) - Lunch Provided by Dresden Station

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

Activity Badge Included

Free Class B T-shirt Provided (*Youth Only*)

All Food will be Provided

Cost \$45.00

All Participants Must Register

Mandatory BSA Health Form parts A & B

“NO HEALTH FORM, NO PARTICIPATION”

NO CAMPING EQUIPMENT PROVIDED, BRING YOUR OWN EQUIPMENT





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Merit Badges Offered

Nuclear Science	Fire Safety
Signs, Signals, and Codes	Electricity
Electronics	Medicine
Bird Study	Finger Printing
Plumbing	Engineering
Automotive Maintenance	Traffic Safety
Farm Mechanics	First Aid (Eagle Required)
Reptiles and Amphibian	Dog Care



Merit Badges, Merit Badge Counselors, and Pre-Requisites

All Scouts must have a Signed BLUE CARD from there Scoutmaster to participate for all Merit Badges (NO EXCEPTIONS)

Merit Badge & Counselor	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 Lou Magers	5	AM PM	Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: #2 and #8. What to Bring: Bird drawing with parts labeled. Picture of a bird feeder, bird bath, or bird. habitat. Merit Badge Card and desire to learn. 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 TBA	25	All Day	Pre-Work: Scoutmaster Approval and prepared/signed blue card. 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. Merit Badge Card and desire to learn. Requirements covered at Dresden: Rest of Requirements
Signs, Signals, and Codes Brian McDaniels	10	AM PM	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: #1 Discuss with your counselor the importance of signs, signals, and codes, and why people need these different methods of communication. Briefly discuss the history and development of signs, signals, and codes. #2 Explain the importance of signaling in emergency communications. Discuss with your counselor the types of emergency or distress signals one might use to attract airborne search-and-rescue personnel if lost in the outdoors or trying to summon assistance during a disaster. Illustrate these signaling examples by the use of photos or drawings. #6 Do the following: 1. Describe to your counselor six sound-only signals that are in use today. Discuss the pros and cons of using sound signals versus other types of signals. 2. Demonstrate to your counselor six different silent Scout signals. Use these Scout signals to direct the movements and



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Signs, Signals, and Codes Brian McDaniels	10	AM PM	actions of your patrol or troop. #7 On a Scout outing, lay out a trail for your patrol or troop to follow. Cover at least one mile in distance and use at least six different trail signs and markers. After the Scouts have completed the trail, follow no-trace principles by replacing or returning trail markers to their original locations. #9 Share with your counselor 10 examples of symbols used in everyday life. Design your own symbol. Share it with your counselor and explain what it means. Then do the following: 1. Show examples of 10 traffic signs and explain their meaning. 2. Using a topographical map, explain what a map legend is and discuss its importance. Point out 10 map symbols and explain the meaning of each. 3. Discuss text-message symbols and why they are commonly used. Give examples of your favorite 10 text symbols or emoticons. Then see if your counselor or parent can identify the meaning or usage of each symbol. #10 Briefly discuss the history of secret code writing (cryptography). Make up your own secret code and write a message of up to 25 words using this code. Share the message with a friend or fellow Scout. Then share the message and code key with your counselor and discuss the effectiveness of your code.
First Aid Krista Schulte MSN/BSN/RN	15	AM PM	Pre-Work: Scoutmaster Approval and prepared/signed blue card. 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.
Electricity Ray Papach	25	AM PM	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: #1a-c,d,e research in the merit badge book and be able to discuss in class answer the questions in advance in the work sheet. # 2 Complete a home electrical safety inspection at your home using merit badge work sheet pages 6 and 7. #3 If you are able, make a simple electromagnet at home and bring it with you to demonstrate in class. If you don't make one, be able to discuss how in class as an alternative. #4, 5, 6, 7 research and write down your answer on the work sheet. #6 how to reset a circuit breaker will be discussed and demonstrated in class. #8 Use the work sheet and make a diagram of a room in your home. We will also discuss in class and look at examples in the classroom. #9a Try this at home and discuss what you found. We will follow up with a discussion and examples in class. #9b Research and be ready to discuss what you found in class. #10 Look up definitions and be ready to discuss in class. #11 We will do this one on class and all the materials needed will be provided by Dresden. What to Bring: Completed home electrical safety inspection (req. #2) and answer to req. #7, Part 2, #1a-e, 2 will be reviewed at Dresden with the Scout, #3, 4, 5. Merit Badge Card and desire to learn. Requirements covered at Dresden: #6, 7, 8 will be done using a room in the training building, #9a, b, 10, 11. Build and run a motor from scratch and take it home.
Electronics Scott Patterson	20	AM PM	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: NONE
Nuclear Science Tom Leffler	25	All Day	Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: #1a, tell what radiation is. #1b, Describe radiation hazards to humans, environment, wildlife. Explain the difference between radiation exposure & contamination, discussing radiation risks from nuclear power, medical radiation, and background radiation including radon. Explain the ALARA principle & measures required by law to minimize these risks. #1c, Describe the radiation hazard symbol; explain where it should be used; Tell why & how people must use radiation or radioactive materials carefully. #2a, Tell the meaning of the following: atom, nucleus, proton, neutron, electron, quark, isotope; alpha particle, beta particle, gamma ray, X-ray; ionization, radioactivity, and radioisotope. #3b, Name three particle accelerators and describe several experiments that each accelerator performs. <u>I will give a multiple-choice quiz on the stuff above and if they get a passing score. I will sign off those requirements.</u> What to Bring: Be able to speak about the pre-req's that were completed and have a desire to learn! And...your blue card! Requirements covered at Dresden: The rest of the requirements & cool experiments



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Medicine Dr. Juli Micetich D.C.	25	AM PM	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: A signature on blue card from a scoutmaster or assistant scoutmaster showing proof the scout participated</p> <p>#10. 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.</p> <p>What to Bring: Blue Card and desire to learn.</p> <p>Requirements covered at Dresden: Rest of the requirements with hands on experiences.</p>
Farm Mechanics John Cairns Jr. ...	8	AM PM	<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: #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. 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. #2.b. Scouts should also bring their drawing required in 2B ready to share with the counselor during the discussion time in the class. #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. #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>
Finger Printing Sgt. Tonya Paquette Grundy County Sheriff	15	PM	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: None. What to Bring: Desire to learn. Requirements covered at Dresden: Rest of the requirements with hands on experience. Also, open questions and discussions about life experiences in law enforcement.</p>
Traffic Safety Sgt. Tonya Paquette Grundy County Sheriff	15	AM	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: None. What to Bring: Desire to learn. Requirements covered at Dresden: Rest of the requirements with hands on experience. Also, open questions and discussions about life experiences in law enforcement.</p>
Plumbing Tom Ditchfield	15	AM PM	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: None. What to Bring: Desire to learn. Requirements covered at Dresden: Rest of the requirements with hands on experience. Also, open questions and discussions about how important piping and safety are in a Nuclear Power plant.</p>
Automotive Maintenance Mathew Yunkers	10	AM PM	<p>Pre-Work: Scoutmaster Approval and prepared/signed blue card. 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</p>



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Automotive Maintenance Mathew Yunkers	10	AM PM	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. #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.
Engineering TBA...	25	AM PM	Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: #1: Select a manufactured item in your home (such as a toy or a 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. You can find information on http://www.howstuffworks.com/ #5a. Use the systems engineering approach to make step-by-step plans for your next campout. List alternative ideas for such items as program schedule, campsite, transportation and costs. Tell why you made the choices you did and what improvements were made. #5b. Make an original design for a piece of patrol equipment. Use the systems engineering approach to help you decide how it should work and look. Draw plans for it. What to Bring: Merit Badge Card and desire to learn. Requirements covered at Dresden: Rest of requirements and some fun experiments
Dog Care Diane Robinson	15	AM	Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements. #4 For two months, keep and care for your dog.* Maintain a log of your activities during this period that includes these items: feeding schedule, types of food used, amount fed, exercise periods, training schedule, a weekly body weight record, grooming and bathing schedules, veterinary care, if necessary, and costs. Also include a brief description of the type of housing/shelter arrangements you have for your dog. # 8 Visit a veterinary hospital or an animal shelter and give a report about your visit to your counselor.
Reptiles and Amphibian Study Diane Robinson	15	PM	Pre-Work: Scoutmaster Approval and prepared/signed blue card. Pre-Work Requirements: None. What to Bring: Desire to learn. Requirements covered at Dresden:
Railroading Kevin Bach	15	All Day	Pre-Work: Scoutmaster Approval and prepared/signed blue card. 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, identify 10 types of railroad freight or passenger cars. Explain the purpose of each type of car. (d) Explain how a modern diesel or electric locomotive develops power. Explain the terms dynamic braking and radial steering trucks. Do the following: #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.





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General Information

Rainbow Council, Boy Scouts of America and Exelon 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 located 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 around supporting all Scout programs and maintains nationally accredited camp status.



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 participants must attend Merit Badge Clinic. Adults and Troop leaders are encouraged to provide supervision at camp during the entire event. Provisional camping will be provided for any registered Scout BSA. Mandatory Boy Scouts of America health form section A and B must be turned in to medical staff upon check-in. Health records will be destroyed after the event. Scouts will be required to register for weekend camping at www.rainbowcouncil.org. No camping equipment will be provided. ***ALL participants must have a completed waiver filled out and signed to camp at RSR during this event. A copy of waiver is on page 17 of this guide.***



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Transportation

Transportation is being provided to Dresden Station by First Student. These are 66 passenger school buses and run continuously during the morning and afternoon. Every scout must realize the importance of being prompt for arriving at designated bus stops. Merit Badge Clinic Staff and Rainbow Scout Reservation Staff will make every attempt to ensure youth 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, 2019
Bus departs Rainbow Council to Dresden Station
6:30 AM – 7:30 AM

Afternoon of Saturday, August 10th, 2019
Bus departs Dresden Station to Rainbow Council
3:00 PM – 4:30 PM
Round Trip from Dresden Station to Rainbow Scout Reservation



Clinic Only (PARKING)

New for this year, Dresden Station has relocated the Vehicle Security Checkpoint. 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. The training building parking lot will be closed to traffic.

General 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, and fellowship of fellow scouts. Rainbow Council would remind all campers that no program will be offered at camp during Merit Badge Clinic hours. No camping equipment will be provided.





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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 will be provided. Adults/Leaders are required to register at www.rainbowcouncil.org. All adults (Guardians/Parents) are encouraged to take Youth Protection training at www.scouting.org. Adults/Leaders attending camp must register. The fee will be \$45, all-inclusive with food provided. Adults/Leaders are welcome to participate during camp activities but youth come first. Adults/Leaders will not receive activity badge or class b t-shirt. All Adults/Leaders attending camp must take Youth Protection training, this is mandatory. Proof of YPT training will be required during check-in. 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. No camping equipment will be provided.

Additional Program and Fees

RSR Shooting Sports

If your Scout enjoys Shooting Sports, rifle, shotgun and archery will be offered during open program. There will be an additional fee of \$10.00 for all participants. **Participants' must fill out activity consent/waiver form on page 17 of leader's guide. No waiver/consent form, No Shooting.** This is optional and will be first come first serve Scout's and participants must register using www.rainbowcouncil.org (Dresden Merit Badge Clinic). Click on "Calendar" at top of home page. Go to August 10th and click on 'Dresden Merit Badge Clinic' and then "Register." Wrist bands will be issued to scouts and mandatory safety brief is required. Ranges will operate on a first come first serve basis. Adults are welcome, but youth come first. No refunds will be offered for inclement weather. RSR staff, Shooting Sports staff, and Dresden Merit Badge Committee will have discretion and determination of inclement weather. Absolutely no late registration will be accepted.





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RSR COPE Course

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. **Scouts must be 13 years of age to participate.** There will be an additional fee of \$10.00 for all participants. Adults and Scouts must register using www.rainbowcouncil.org (Dresden Merit Badge Clinic). Click on “Calendar” at top of home page. Go to August 10th and click on ‘Dresden Merit Badge Clinic’ and then “Register.” All participants must fill out activity consent/waiver form on page 17 of leader’s guide. **No waiver/consent form, No COPE.** There is always a possibility that not all parts of COPE course will be open based on availability of qualified supervision. Activity Consent Form/waiver will be collected and turn in during check-in. BSA health form required parts A and B. Wrist bands will be issued to scouts and mandatory safety brief is required. Inclement weather could affect COPE course and close the program. No refunds will be offered for inclement weather. RSR staff, COPE staff, and Dresden Merit Badge Committee will have discretion and determination of inclement weather. Absolutely no late registration will be accepted.





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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. Swim tags from 2019 summer camp will be accepted, Aquatics director has discretion on accepting or denying swim tags. BSA health form required parts A and B. Inclement weather could affect Waterfront and close open swimming. RSR staff, Waterfront staff, and Dresden Merit Badge Committee will have discretion and determination of inclement weather. 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. Snacks, Drinks, and Scouting items will be available for purchase during this time.

Food

Special Dietary Needs

Any Adult/Leader/ or Scout that has special dietary needs, should contact RSR food coordinator for this event. Adult/Leader/ or Scout must submit written request for special dietary needs no later than July 19th, 2019. Please fill form out on page 16 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. **Dresden NPS will not be providing special dietary needs.** No onsite accommodations.

Written requests can be sent to:

ATTN: Patty Provanve
Pattyp88@sbcglobal.net
Cell Phone: (815) 955-3900

<u>RSR Furnished Meals</u>
Friday Evening - Cracker Barrel Saturday - Breakfast and Dinner Sunday – Breakfast Ice water will be available at all times.
<u>Dresden Furnished Meals</u>
Saturday – Lunch w/drink



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Disclaimer

All payments are final. No refunds will be offered except for extreme conditions. Dresden Merit Badge Clinic Committee will determine all refunds if any. Merit Badges are subject to change based on Counselor availability. No guarantee of open program(s) at scout reservation. Rainbow Council and Dresden Merit Badge Committee will do its best to provide world class program for all participants. No special dietary needs will be made. All scouts should read Merit Badge handbook for respective badge sold at Rainbow Council Scout Shop prior to arrival to clinic. MeritBadge.org workbooks can be used, but are not recommended by the Scouts BSA. Questions?

Contact Information

Exelon Generation Dresden Nuclear Power Station Main Contact

Bryan W. Schulte
Event Coordinator
Instrument Maintenance Department
Control System Technician
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Personal
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Exelon Generation Dresden Nuclear Power Station

Dean J. Walker
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Dresden Regulatory Assurance
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Rainbow Council Boy Scouts of America

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(815) 942-4450

www.rainbowcouncil.org

Alexis Yakich
Program Executive
Alexis.Yakich@scouting.org

Kris Fry
Development Director
Kris.Fry@scouting.org

Patty Provance
Food Coordinator/Chef
Pattyp88@sbcglobal.net
Cell Phone: (815) 955-3900
Home: 815-634-8739





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Dresden Merit Badge Clinic 2019 Schedule - Saturday

<u>Morning AM</u> August 10 th , 2019 <i>Bus Schedule</i> <i>(Arrival to Dresden) 6:30 AM – 7:30 AM</i>	<u>Afternoon PM</u> August 10 th , 2019 <i>Bus Schedule</i> <i>(Departure from Dresden) 3:00 PM – 4:30 PM</i>
7:35 AM Morning Flags Flag Ceremony Led by Waupecan Lodge Scout Oath and Scout Law	11:30 AM – 12:00 PM LUNCH Training Building Cafeteria Lunch Provided by Dresden Station
7:40 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, Medicine, Bird Study, Finger Printing, Plumbing, Dog Care, Engineering, Automotive Maintenance, Traffic Safety, Farm Mechanics, First Aid, Signals-Codes-and Signs	Half Day Afternoon Sessions Electricity, Electronics, Medicine, Bird Study, Finger Printing, Plumbing, Reptiles and Amphibian Study, Engineering, Automotive Maintenance, Traffic Safety, Farm Mechanics, First Aid, Signals-Codes-and Signs
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.**	



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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 , 2019	Saturday August 10 th , 2019	Sunday August 11 th , 2019
Check-In RSR (Verify Scout Schedule) (Collect Health Forms) 6:00 pm – 10:30 pm	5:45 am Revile Wake-Up Call	
6:00 pm – 9:00 pm Camp Set-Up	6:00 am – 6:30 am Breakfast (Dining Hall)	8:00 am – 9:00 am Breakfast Dining Hall
Cracker Barrel 9:00 pm – 10:00 pm Dining Hall	6:30 am – 7:30 am Buses Arrive at RSR (Begin Transport to Dresden)	9:00 am – 9:30 am Dining Hall Clean-Up
Program Activity Movie 8:00 pm – 10:00 pm Dining Hall	7:35 am Opening Ceremony at Dresden	9:45 am – 10:00 am Chapel Service
11:00 pm (Taps) Lights Out	8:00 am – 3:30 pm Dresden Merit Badge Clinic	10:00 am – 11:00 am Break Camp Scouts Dismissed
	3:00 pm – 4:30 pm (Buses Begin Transport Back to RSR) 4:30 PM Buses are done	11:00 am – 12:00 Camp inspection Staff and Waupecan Lodge
	4:30 pm 6:30 pm Free Time/Open Program Trading Post Open	
	6:30 pm – 7:30 pm Dinner (Dining Hall)	
	7:30 pm – 8:00 pm Dining Hall Clean-up	
	7:30pm – 10:00 pm Free Time/Open Program	
	10:00 pm – 10:30 pm Ice Cream and Root Beer Floats	
	11:00 pm (Taps) Lights Out	

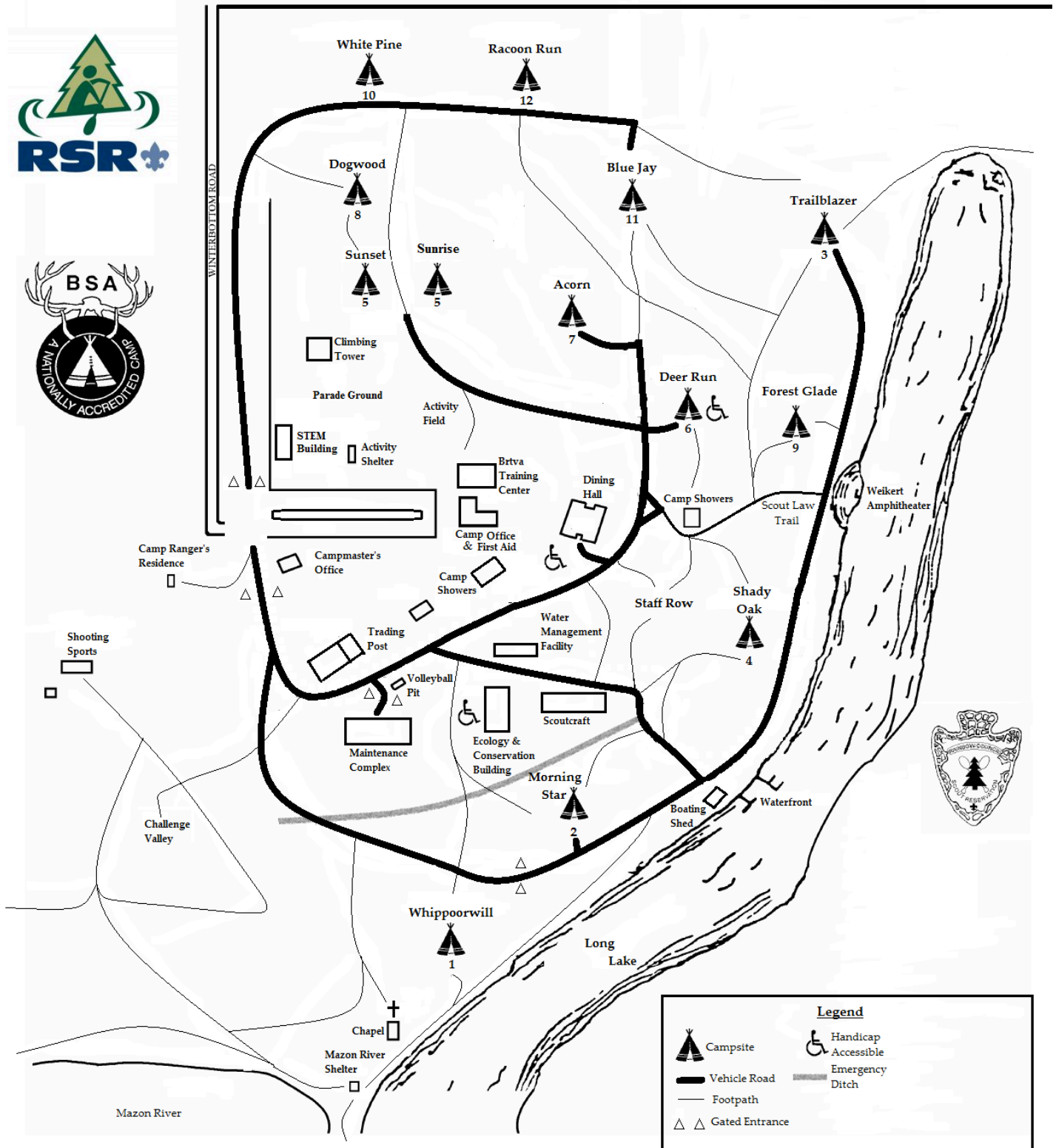
** Schedule subject to change. **



Dresden STEM Merit Badge Clinic 2019

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Dietary Needs Form - Must be turned in by July 17th, 2018 - No Exceptions

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 Nuclear Power Station will not be providing special Dietary Needs for Lunch on Saturday.**

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:	

Please attached additional page(s) as needed. Please print legibly.



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ACTIVITY CONSENT FORM AND APPROVAL BY PARENTS OR LEGAL GUARDIAN

FORMULARIO DE CONSENTIMIENTO Y APROBACIÓN DE ACTIVIDAD POR PARTE DE LOS PADRES DE FAMILIA O TUTORES

The recommended use of this form is for the consent and approval for Cub Scouts, Boy Scouts, Varsity Scouts, Venturers, and guests to participate in a trip, expedition, or activity. It is required for use with flying plans.

El uso recomendado de este formulario es para obtener el consentimiento y aprobación para Cub Scouts, Boy Scouts, Varsity Scouts, Venturers, e invitados para participar en un viaje, expedición o actividad. Es obligatorio para su uso con planes de vuelo.

First name of participant Nombre del participante	Middle initial Inicial del segundo nombre	Last name Apellido
Birth date (month/day/year) Fecha de nacimiento (mes/día/año)		Age during activity Edad al momento de realizar la actividad

Address Domicilio		
City Ciudad	State Estado	Zip Código postal

Has approval to participate in (name of activity, orientation flight, outing trip, etc.) **Dresden Merit Badge Clinic/Camping** From _____ to _____
 Tiene la aprobación para participar en (nombre de la actividad, vuelo de orientación) De _____ (Date) a _____ (Date)
 (fecha) (fecha)

INFORMED CONSENT, RELEASE AGREEMENT, AND AUTHORIZATION

CONSENTIMIENTO INFORMADO, CONVENIO DE EXONERACIÓN Y AUTORIZACIÓN

I understand that participation in Scouting activities involves the risk of personal injury, including death, due to the physical, mental, and emotional challenges in the activities offered. Information about those activities may be obtained from the venue, activity coordinators, or local council. I also understand that participation in these activities is entirely voluntary and requires participants to follow instructions and abide by all applicable rules and the standards of conduct.

Entiendo que la participación en actividades Scouting implica el riesgo de lesiones personales, incluyendo la muerte, debido a los retos físicos, mentales y emocionales en las actividades que se ofrecen. Se puede obtener información sobre dichas actividades en la sede, con los coordinadores de la actividad o el concilio local. También entiendo que la participación en estas actividades es totalmente voluntaria y requiere que los participantes sigan instrucciones y acaten todas las reglas y normas de conducta pertinentes.

In case of an emergency involving my child, I understand that efforts will be made to contact me. In the event I cannot be reached, permission is hereby given to the medical provider to secure proper treatment, including hospitalization, anesthesia, surgery, or injections of medication for my child. Medical providers are authorized to disclose protected health information to the adult in charge and/or any physician or health care provider involved in providing medical care to the participant. Protected Health Information/Confidential Health Information (PHI/CHI) under the Standards for Privacy of Individually Identifiable Health Information, 45 C.F.R. §§160.103, 164.501, etc. seq., as amended from time to time, includes examination findings, test results, and treatment provided for purposes of medical evaluation of the participant, follow-up and communication with the participant's parents or guardian, and/or determination of the participant's ability to continue in the program activities.

En caso de que mi hijo se vea involucrado en una emergencia, entiendo que se realizarán esfuerzos para contactarme. En caso de que yo no pueda ser localizado, por este medio otorgo permiso al proveedor de servicios médicos para garantizar el tratamiento adecuado, incluyendo hospitalización, anestesia, cirugía o inyecciones de medicamentos para mi hijo. Los proveedores de servicios médicos están autorizados a revelar información médica protegida al adulto a cargo, médico o proveedor de servicios médicos involucrado en la prestación de atención médica para el participante. La Información de salud protegida/Información médica confidencial (PHI/CHI, por sus siglas en inglés) bajo los Estándares de privacidad de información médica individualmente identificable, 45 C.F.R. §§ 160.103, 164.501, etc., y siguientes, como se enmiendan de vez en cuando, incluyen resultados de reconocimientos médicos, resultados de pruebas y el tratamiento proporcionado para fines de evaluación médica del participante, seguimiento y comunicación con los padres o tutor legal del participante, o determinación de la capacidad del participante para continuar en las actividades del programa.

With appreciation of the dangers and risks associated with programs and activities including preparations for and transportation to and from the activity, on my own behalf and/or on behalf of my child, I hereby fully and completely release and waive any and all claims for personal injury, death, or loss that may arise against the Boy Scouts of America, the local council, the activity coordinators, and all employees, volunteers, related parties, or other organizations associated with any program or activity.

Con reconocimiento de los peligros y riesgos asociados con los programas y actividades incluyendo preparativos y transportación hacia y desde la actividad, en mi propio nombre o en nombre de mi hijo, por este conducto eximo total y completamente, y renuncio a cualquiera y toda reclamación por lesiones personales, muerte o pérdidas que puedan surgir, a la organización Boy Scouts of America, el concilio local, los coordinadores de la actividad y todos los empleados, voluntarios, grupos involucrados, u otras organizaciones asociadas con cualquier programa o actividad.

NOTE: The Boy Scouts of America and local councils cannot continually monitor compliance of program participants or any limitations imposed upon them by parents or medical providers. List any restrictions imposed on a child participant in connection with programs or activities below and counsel your child to comply with those restrictions.

NOTA: La organización Boy Scouts of America y los concilios locales no pueden vigilar continuamente el cumplimiento de los participantes del programa o cualquier limitación impuesta sobre ellos por los padres o proveedores de servicios médicos. Enumerar más abajo las restricciones impuestas a un niño participante en relación con los programas o actividades.

List participant restrictions, if any: _____
 None

Restricciones del participante, si existen: _____
 Ninguna

Participant's signature Firma del participante	Date Fecha
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Parent/guardian printed name Nombre con letra de molde del padre de familia/tutor	Parent/guardian signature Firma del padre de familia/tutor
	Date Fecha

Area code and telephone number (best contact and emergency contact) Código de área y número telefónico (primer contacto y contacto de emergencia)	Email (for use in sharing more details about the trip or activity) Correo electrónico (para informar más detalles sobre el viaje o actividad)
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Contact the adult leader with any questions:
 Póngase en contacto con el líder adulto si es que tiene preguntas:

Name Nombre	Phone Teléfono	Email Correo electrónico
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