



## NL 2014 Merit Badge Madness

### Event Class Catalog







#### Event Contacts

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NL 2014 Merit Badge Madness: NL 2014 Merit Badge at Maple Grove Junior High School

### Merit Badge - General use

<b>MB113</b>	9-3 PM		<p><b>Automotive Maintenance</b> Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape. Minimum number of participants 2; Maximum number of participants 20; <b>NOTE: Assistance with carpooling to class location will be needed.</b></p>
<b>MB120</b>	9-3 PM		<p><b>Chemistry</b> Chemistry explores how substances react with each other, how they change, how certain forces connect molecules, and how molecules are made are all parts of chemistry. Stretch your imagination to envision molecules that cannot be seen - but can be proven to exist - and you become a chemist. Minimum number of participants 2; Maximum number of participants 12;</p>
<b>MB227</b>	9-3 PM		<p><b>Chess</b> Chess builds critical thinking, forward thinking, and proper sportsmanship in young people. Minimum number of participants 2; Maximum number of participants 20;</p>
<b>MB130</b>	9-3 PM		<p><b>Computers</b> An electronic device for storing and processing data, typically in binary form, according to instructions given to it in a variable program. Minimum number of participants 2; Maximum number of participants 20;</p>
<b>MB236</b>	9-3 PM		<p><b>Crime Prevention &amp; Fingerprinting (BOTH)</b> Crime Prevention: Preventing crime, which can be as simple as reducing the opportunities for crime to occur, is far less costly than apprehending and bringing legal action against those who break the law and it helps save people from the anguish of being victims.  Fingerprinting: In earning the Fingerprinting merit badge, Scouts will learn about and use an important technique that is used by law enforcement officers, along with other materials like matching dental records and DNA sampling, to help identify amnesia victims, missing persons, abducted children, and others. Additional Fee: \$5.00; Minimum number of participants 2; Maximum number of participants 20;</p>
<b>MB134</b>	9-3 PM		<p><b>Dentistry</b> Teeth do a lot more than just peek out from under that winning smile. They have all sorts of duties, and having healthy teeth will help a person to eat, speak, and look great. Minimum number of participants 2; Maximum number of participants 10;</p>
<b>MB228</b>	9-3 PM		<p><b>Inventing</b> Inventing involves finding technological solutions to real-world problems. Inventors understand the importance of inventing to society because they creatively think of ways to improve the lives of others. Explore the world of inventing through this new merit badge, and discover your inner inventiveness. Minimum number of participants 2; Maximum number of participants 12;</p>

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<b>MB166</b>	9-3 PM		<p><b>Law</b> Earning this merit badge enables a Scout to learn about the history and kinds of laws, the purpose and methods of law enforcement, consumer protection agencies, emerging law, and careers in the legal profession. Minimum number of participants 2; Maximum number of participants 16;</p>
<b>MB184</b>	9-3 PM		<p><b>Photography</b> Beyond capturing family memories, photography offers a chance to be creative. Many photographers use photography to express their creativity, using lighting, composition, depth, color, and content to make their photographs into more than snapshots. Good photographs tell us about a person, a news event, a product, a place, a scientific breakthrough, an endangered animal, or a time in history. Minimum number of participants 2; Maximum number of participants 20;</p>
<b>MB187</b>	9-3 PM		<p><b>Plumbing</b> Plumbing, including pipe fitting, is an important and well-paid occupation. The industry is quite broad. It covers installations and repairs in homes, commercial properties, and factories. Plumbing pipelines are used for water supply, waste drainage, natural-gas heating, and many other purposes. Minimum number of participants 2; Maximum number of participants 12;</p>
<b>MB189</b>	9-3 PM		<p><b>Public Health</b> The field of public health deals with maintaining and monitoring the health of communities, and with the detection, cure, and prevention of health risks and diseases. Although public health is generally seen as a community-oriented service, it actually starts with the individual. From a single individual to the family unit to the smallest isolated rural town to the worldwide global community, one person can influence the health of many. Minimum number of participants 2; Maximum number of participants 20; <b>NOTE: Assistance with carpooling to class location will be needed.</b></p>
<b>MB190</b>	9-3 PM		<p><b>Public Speaking</b> A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun. Minimum number of participants 2; Maximum number of participants 11;</p>
<b>MB191</b>	9-3 PM		<p><b>Pulp and Paper</b> Here's an astonishing number to digest. Each person in the United States uses about 700 pounds of paper each year. Paper is everywhere in our lives. Every year in the United States, more than 2 billion individual books, 24 billion newspapers, and 350 million magazines are published on paper. Additional Fee: \$5.00; Minimum number of participants 2; Maximum number of participants 14;</p>
<b>MB229</b>	9-3 PM		<p><b>Robotics</b> Earning the Robotics merit badge requires a Scout to understand how robots move (actuators), sense the environment (sensors), and understand what to do (programming); he should demonstrate robot design in building a robot. You should help ensure that the Scout has sufficiently explored the field of robotics to understand what it is about, and to discover whether this may be a field of interest for him as a career. Additional Fee: \$5.00; Minimum number of participants 2; Maximum number of participants 12;</p>

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**MB207** 9-3 PM



### **Space Exploration**

Space is mysterious. We explore space for many reasons, not least because we don't know what is out there, it is vast, and humans are full of curiosity. Each time we send explorers into space, we learn something we didn't know before. We discover a little more of what is there. Additional Fee: \$15.00; Minimum number of participants 2; Maximum number of participants 20;

**MB210** 9-3 PM



### **Surveying**

While earning this merit badge, Scouts will discover how land is measured and how it is described so that others can know where boundary lines are. They will have a chance to use some fine measuring instruments, apply advanced mathematics, operate computing equipment, and create a survey map. Minimum number of participants 2; Maximum number of participants 15;