1. Safety
   a. What are some hazards you may encounter while working with robots and what could you do to anticipate, mitigate and prevent, and respond to these hazards. Explore safety gear.

<table>
<thead>
<tr>
<th>possible hazard</th>
<th>what you can do</th>
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   b. Discuss first aid and prevention for types of injuries that could occur while participating in robotic activities such as burns, cuts, eye injuries, etc.

<table>
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<th>possible injury</th>
<th>first aid and prevention</th>
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Robots Merit Badge
Pre-requisites

Cradle of Aviation Museum®
Scouts@CradleOfAviation.org® (516) 572-4192
6. Competitions
   b. Learn about three youth robotics competitions. Tell your counselor about these including: the type of competition, time commitment, age of the participants, and how many teams are involved.

   1. Competition: 
      Type of Competition: 
      Age of participants: # of Teams: 
      Time commitment: 

   2. Competition: 
      Type of Competition: 
      Age of participants: # of Teams: 
      Time commitment: 

   3. Competition: 
      Type of Competition: 
      Age of participants: # of Teams: 
      Time commitment: 

7. Careers
   Name three career opportunities in robotics. Pick one and find out the education training, and experience required for the profession. Discuss and explain why this career may interest you.

   Career #1: 
   Education, training, and experience required: 

   Career #2: 
   Career #3: 

Robotics Merit Badge Pre-requisites

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