



Merit Badge Information Sheet [MBIS]

November 14, 2026

Merit Badge:	Chemistry
Counselor Name:	Mark Camp
Phone Number:	630.719.9530
E-mail Address:	Campms39@hotmail.com
Preferred Method of Contact:	
Prerequisites: <i>list all requirements which need to be completed in advance</i>	When you email, put your name on the subject header. If you can, send all the documents in one email. To comply with Safeguarding Youth guidelines, scouts should copy a leader or parent on all email communication with the counselor. 1a - Obtain safety data sheets (SDS) for sucrose, isopropyl alcohol, and a waterproofing spray. Compare their properties and potential hazards, ... 1b – What types of personal protective equipment (PPE) are recommended for each and why? 3a – Perform a Maillard, or browning, reaction (most scouts do this with an onion. If you use an onion, taste the onion when raw, partially cooked, and fully browned. Record your findings). 7 - Identify three government agencies that oversee or provide guidance on chemicals. Write a short report on when each agency was founded, and what its primary responsibilities are. Do ONE: 8a or 8b or 8C - (many scouts select 8c, which involves researching the training, education, experience and certifications needed to enter a specific, chemical-related career). Any prerequisites not completed in advance can be completed at home. Contact counselor after session (email address above) to get final requirements signed off.
Class Work: <i>list all requirements which will be completed in class</i>	1c, 1d, 2, remainder of 3a, 3b, 4, 5, 6
Use of “Online” Workbook:	Most versions are not supported as the workbook most commonly used has not been updated with current requirements. This version HAS BEEN approved: https://shacbsa.org/Data/Sites/1/media/advancement/merit-badge-worksheets/chemistry-worksheet-2025.pdf
Merit Badge Booklet:	NOT REQUIRED Requirements: https://www.scouting.org/merit-badges/chemistry/



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Number of Sessions needed:
each session is 1 hour 25 minutes

2

Maximum Class Size:

20

Notes and/or Comments: