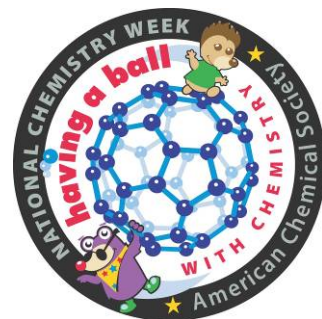




Chemistry Activity Patch



The Chemistry Activity Patch program of the American Chemical Society's (ACS) Office of Community Activities encourages individuals and youth groups to participate in chemistry-related activities sponsored at the local level by ACS members.

Each year chemists interest young people in chemistry and the chemical sciences during Chemists Celebrate Earth Day (April) and National Chemistry Week (October) events in their communities. These programs provide excellent opportunities for participants to earn patches. Groups such as the Boy Scouts, Girl Scouts, 4-H Clubs, Campfire USA, YMCA, Boys and Girls Clubs, etc. can use the guidelines that follow to encourage science and chemistry activities to earn a Chemistry Activity Patch.

Purpose

- To interest young people in chemistry through activities held during Chemists Celebrate Earth Day (CCED) and National Chemistry Week (NCW).
- To offer a mechanism by which participants can develop positive attitudes towards science and chemistry.
- To provide the opportunity for participants to explore interesting career opportunities in chemistry.

Requirement

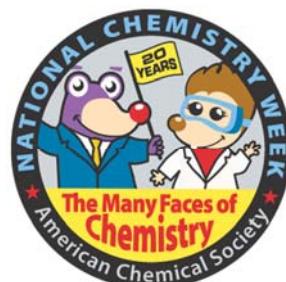
- To qualify for a theme-related patch, participants should complete two CCED or two NCW activities from the list of activities that follows.

Obtaining the Patch

- Patches can be purchased by calling the ACS Store at 1-800-227-5558 or <http://www.acs.org/store>. ACS Local Sections are encouraged to partner with local groups to sponsor patches for CCED and NCW events.

For more information, please contact:

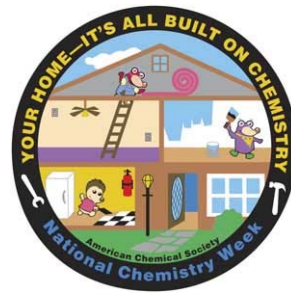
American Chemical Society
Office of Community Activities
1155 Sixteenth Street, NW
Washington, DC 20036
1-800-227-5558 x6097
oca@acs.org





Chemistry Activity Patch

List of Activities



Complete **two** activities from any category (A - D) from the list below to qualify for one of the annual theme-related chemistry patches.

Category A: Serving the Community

- Clean up a local park, stream or roadway, and discuss the chemistry involved.
- Beautify the community by planting trees or flowers.
- Conduct an athletic equipment, soap, or food drive for a local food bank or charity.
- Prepare a presentation about chemistry's positive role in an environmental factor (i.e. water testing, monitoring the weather, testing soil or air) and present to a community group.
- Conduct hands-on activities for younger children related to the CCED or NCW theme.

Category B: Learning about Chemistry

- Arrange a tour of a chemical plant or facility with a member of the ACS local section.
- Invite an ACS local section member to speak at an activity or event, to discuss the chemistry behind things that people use every day and the connections to the environment.
- Choose an aspect of chemistry related to the theme and visit a museum that has an exhibit on this topic.
- Adopt a stream and learn about the important chemistry in streams or conduct a recycling campaign and learn about the process of recycling materials (i.e. glass, aluminum, plastic, yard waste).
- Explore the ACS website and write a short essay about an interesting topic (<http://www.acs.org>).

Category C: Having Fun with Chemistry

- Sponsor a booth/table at a CCED or NCW event to present "hands-on" science activities, have a temporary tattoo or face-painting table at a CCED or NCW event and explain the chemistry.
- Help promote CCED or NCW activities at an ACS local section event by carrying signs advertising the event at a strategic location, e.g. at the entrance, or inside the lobby of a mall/museum to direct people to the right level/location within the building.
- Enter the nationally sponsored CCED or NCW K-12 contests through your ACS local section.
- Attend local section activities.

Category D: Learning about Careers in Chemistry

- Write an essay or draw a poster that tells about, or depicts a famous chemist.
- Invite local chemists to a group meeting to tell about what they do at work.
- Partner with your ACS local section members to provide "job shadow" opportunities for a designated day during or close to the dates for CCED or NCW.
- Review the NCW *Celebrating Chemistry* publication entitled, "The Many Faces of Chemistry" and its profiles of 10 different chemists (available online in the NCW archive, <http://www.acs.org/ncw>). Create a profile of a chemist in your area.