

Thank you for all your efforts hosting Let's Do Chemistry events this past fall!

We're excited to be able to support you, along with other organizations from across the country, with additional refill materials designed to help museum and scientist partners continue to engage public audiences in hands-on activities that increase positive attitudes toward learning about chemistry. We hope that you will continue to use your kit throughout the year in different ways, for example National Chemistry Week in October 2019 and celebrations around the International Year of the Periodic Table (IYPT)!

PHYSICAL REFILL KIT CONTENTS

Enclosed, you'll find a list of the supplemental materials included in this refill kit. These materials, used in combination with the original activities from your Explore Science: Let's Do Chemistry kits, will allow you to continue to engage public audiences and use these activities in a variety of setting across your organization. The refill kit does not include duplicates of all of the materials that were packed in the original kit.

MUSEUM-SCIENTIST COLLABORATIONS

The *Explore Science: Let's Do Chemistry* activities kits were developed together by museum professionals and researchers to increase public audience *interest, sense of relevance, and feelings of self-efficacy* in connection with learning about chemistry. We strongly encourage continued collaboration between museums, local chemists, and chemistry students to support the American Chemical Society's National Chemistry Week and similar events this year, and into the future.

ADDITIONAL MATERIALS ONLINE

All of the Let's Do Chemistry kit materials are available online. You can download these individually or as a complete digital kit from <http://www.nisenet.org/chemistry-kit>. The website also has many other resources you can use for your Let's Do Chemistry programs, including links to all of our educational programs, media, and training videos. You can also learn more about upcoming and archived online workshops at <http://www.nisenet.org/events/online-workshop>.

REPORTING & EVALUATION

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- National Chemistry Week, October 20-26, 2019, theme: *Marvelous Metals*
 - <https://www.acs.org/ncw>
 - <http://www.nisenet.org/national-chemistry-week>
- 2019 International Year of the Periodic Table (IYPT)
 - <https://www.acs.org/content/acs/en/education/whatischemistry/periodictable.html>
 - <http://www.nisenet.org/events/other/IYPT2019>
 - <https://www.iypt2019.org>

REPORTING

We greatly appreciated hearing about events through the online reports and are compiling those for our project reports and summaries. There are no additional requirements to report back on the use of these refill kit materials.

THANK YOU!

Once again, thank you for all your efforts to engage the public in activities about chemistry to increase their *interest, sense of relevance, and feelings of self-efficacy*.

Let's Do Chemistry

Refill Kit Contents

PHYSICAL MATERIALS

Planning, Promotional, and Training Materials

- Welcome letter and list of refill kit contents
- Periodic table wallet cards and Celebrating Chemistry II magazine from ACS
- *Gum and Chocolate* sign (English & Spanish)
- *Atoms to Atoms* sign (English & Spanish)
- Sign Stands (2)

- USB flash drive with *complete* digital kit

Safety Materials and General Supplies

- Safety goggles (kid and adult sizes)
- Goggle wipes
- Gloves (small and large sizes)
- Mini Trash Cans (5)
- Pitcher
- Microfiber Cloths

Hands-on Activity Refill and Supplemental Materials

- *Build a Battery*
 - Felt/copper/zinc washers & alligator clips
- *Cleaning Oil Spills with Chemistry*
 - 3M particulate, teaspoon, & dropper bottle
- *Chemistry Makes Scents*
 - Corrected Mirror Molecules info sheet (English & Spanish)
- *Chemistry is Colorful*
 - Filter paper, plastic lids & dropper bottle
- *Molecules in Motion*
 - Vacuum chamber & trouble shooting tips
- *Nature of Dye*
 - Petri dish, ph strips, paper strips, cochineal dye & dropper bottle
- *Rocket Reactions*
 - *Rocket Reactions* sign and activity guide (revised for new canisters)
 - Film canisters (**new**), citric acid, baking soda, measuring spoon, pipettes & beakers
- *What's in the Water*
 - Teaspoon, citric acid, pipettes & beakers

LET'S DO CHEMISTRY DIGITAL KIT (ON USB FLASH DRIVE & ONLINE)

www.nisenet.org/chemistry-kit

Planning and Promotional Materials

- Digital files of all planning and promotional materials including customizable press release, public posters, photos, ads, videos, and banners
- Promo video clips (15, 30 second versions)

Safety, Professional Development, and Training Materials

- Digital files of all safety, professional development, and training materials, guidebooks, presentation slides, and digital copies of all activity training guides and graphics
- Facilitation and activity training videos included in your kit and online: <https://vimeo.com/nisenet/explore-science-lets-do-chemistry-training-films>
 - *Chem-Attitudes with Dr. Braxton Hazleby* facilitation training video
 - Training videos for each hands-on activity
 - *Edu-Cathalon* facilitation training video:
<http://nisenet.org/catalog/educathalon-facilitation-strategies>

Hands-on Chemistry Activities

- Digital copies of all activity guides, graphics, and educational materials (English & Spanish)



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