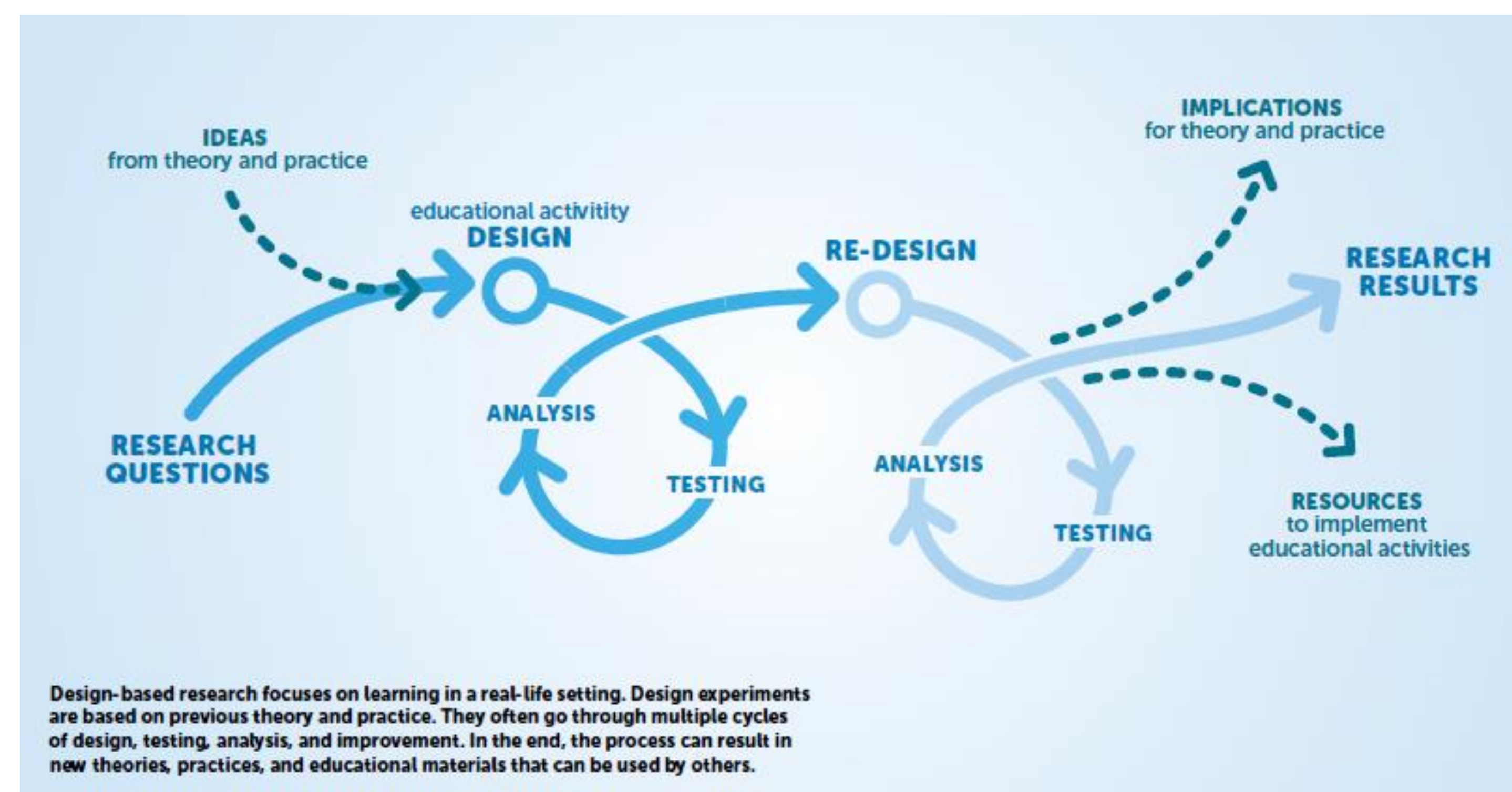


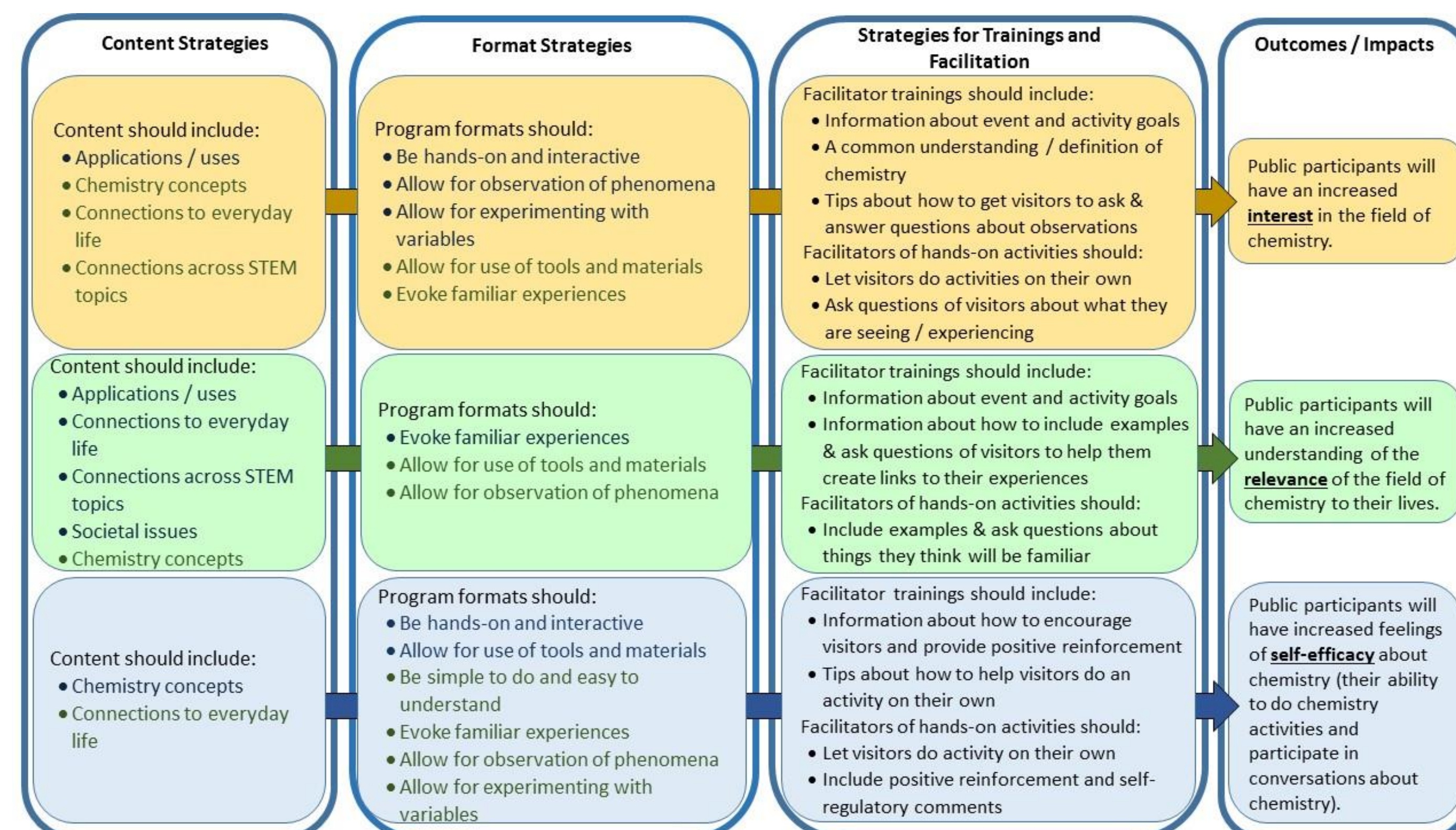
# How can we promote use of project findings and products beyond the life of the grant?

The *Explore Science: Let's Do Chemistry* project is a design-based research study creating both chemistry hands-on activities and a theoretical framework about strategies that promote increases in public interest, understandings of relevance, and feelings of self-efficacy about chemistry.

## Design-Based Research Process



## Theoretical Framework



Blue = strategies from starting framework      Green = emerging strategies

The theoretical framework was based upon prior work from the Nanoscale Informal Science Education Network and refined during the project based upon results of visitor interviews.

## Hands-on Chemistry Activities



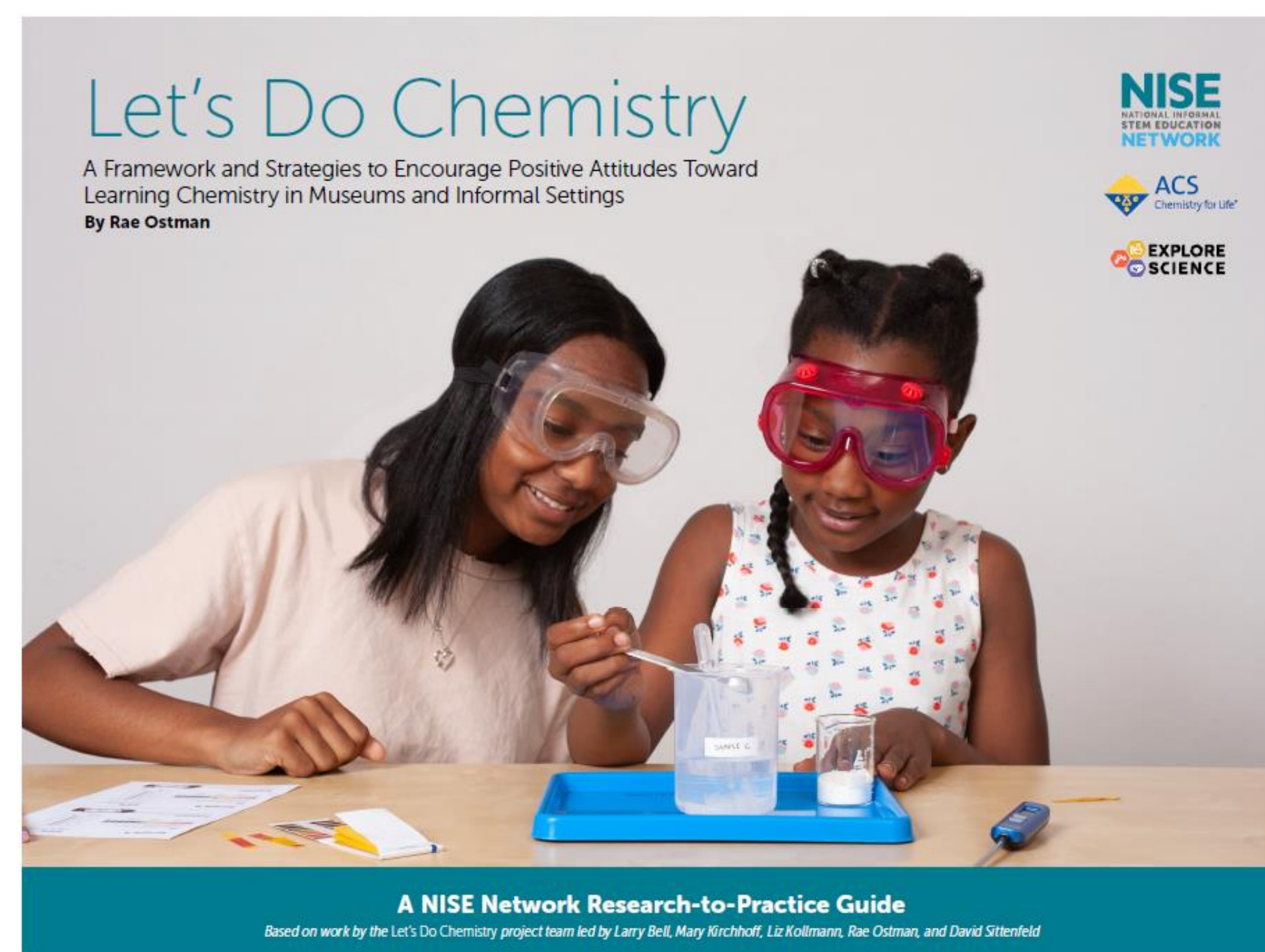
15 activities were tested and refined to optimize their ability to increase visitor interest, relevance, and self-efficacy. 12 activities were selected for the final toolkit.

## Project Dissemination

### Research to Practice Guide

### Professional Development Workshops

### Activity Toolkits



Guides and professional development workshops are being developed to help educators and outreach professionals consider how they might apply our research findings to their own public outreach activities.



250 toolkits containing hands-on activities, posters, and other materials were distributed to museums and ACS chapters for use during 2018 National Chemistry Week events.

