

Integrating chemical research into middle and high school science classrooms

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The Exploratorium Teacher Institute provides professional development training and support to middle and high school math and science teachers. We work to increase teacher content knowledge and to supply them with resources to incorporate hands-on, inquiry-based activities into their teaching. This project utilizes the expertise of classroom teachers, research scientists, and museum staff to develop new exploration-oriented activities with rigorous chemistry content. These materials have been delivered through a variety of programs, including 32 workshops that have been presented to over 650 local and national teachers.



Teachers use inexpensive materials to provide hands-on lessons to teach classical chemistry content as well as cutting edge technologies.