

Resources for NGSS and STEM at Fermilab's Teacher Resource Center

Using our resources and services, let us help you meet your district's needs to align your curriculum and instruction with state and national initiatives.

Planning for Next Generation Science Standards

The extensive Fermilab Teacher Resource Center (TRC) housed in the Lederman Science Center, Batavia, IL, is a unique collection of Grades Pre K-12 STEM and Common Core relevant instructional materials in one location.

The TRC provides an opportunity for you to develop a strategic plan for a STEM, mathematics or science curriculum.

As a member of ASCD, Learning Forward, NCTM, NSTA, NSELA and other professional associations, the TRC provides professional development aligned with research-based strategies and best practice.

The TRC builds relationships and works collaboratively with administrators, teachers, professors and preservice teachers as they develop and implement quality science, technology, engineering and mathematics programs for all students.

Experiencing Next Generation Science Standards

Fermilab's teacher workshops allow you to experience scientific practices yourself, by engaging you in classroom-appropriate activities that bring them to life.

All of Fermilab's teacher workshops provide a full instructional unit that you take home for use with your students.

Fermilab's teacher workshops help you build confidence in core content areas. We'll help you learn to answer your own questions.

Fermilab instructional units emphasize teaching students the skills they need to plan and carry out their own investigations.



Using the Teacher Resource Center

Fermilab's Teacher Resource Center is open to individual teachers, grade-level teams, school and district curriculum committees as well as university faculty and pre-service students. Scheduling time with the staff provides an opportunity to review instructional materials in a non-competitive environment using tools designed to facilitate the planning process. Some of the groups that have worked with the TRC include:

School Districts

Bellwood School District 88
Des Plaines School District 62
Gower School District 62
Lockport School District 92
West Chicago School District 33

Other Organizations

Aurora University
Chicago Public Library
DuPage Regional Office
of Education
Judson University

For more information

Visit the Fermilab Teacher Resource Center website for key curriculum planning resources, an online catalog, workshop descriptions and more.

<http://ed.fnal.gov/trc>

Contact: Susan Dahl at sdahl@fnal.gov or (630)840-3094.

Schedule a NGSS workshop

Become familiar with NGSS Science and Engineering Practices through this free workshop. Apply the practices in a challenge activity and examine instructional materials. Join scientists and engineers to discuss practices in the workplace.

