



Pueblo Chemical Agent-Destruction Pilot Plant

FOR MORE INFORMATION CONTACT:

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A Partnership for Safe Chemical Weapons Destruction



www.peoacwa.army.mil



Pueblo Chemical Agent-Destruction Pilot Plant Education Outreach Program

What You Should Know

The Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) is a state-of-the-art facility built to safely destroy the chemical weapons stored at the U.S. Army Pueblo Chemical Depot (PCD). These weapons, stored at the depot since the 1950s, are obsolete and must be destroyed.

In accordance with applicable federal, state and local environmental requirements, our mission calls for participation from public and private sectors, and all levels of government. Among our numerous efforts to facilitate a comprehensive public outreach and involvement program, the Pueblo Chemical Stockpile Outreach Office provides school education presentations aligned to Colorado Model Content Standards.

What We Can Offer Your School

Students from primary school through high school have the opportunity to learn about the project through presentations offered by the PCAPP education outreach specialist. Our presentations have Social Studies and STEM (Science, Technology, Engineering and Math) education objectives that are correlated to Colorado standards. Our education outreach specialist is a certified and experienced teacher who uses science-based activities and hands-on experiences to teach students about this project of national, as well as international, significance.

PCAPP employs scientists and engineers working with some of the most advanced technologies in the world. Such an environment provides a relevant educational opportunity that is connected, responsive and factual while addressing such questions as:

- What are chemical munitions?
- Why does the U.S. have chemical munitions?
- How long has PCD stored chemical munitions?
- Why are we destroying chemical munitions?
- How will chemical munitions be destroyed?
- How is the community involved?

Presentation Focal Points

- *Science* – The processes of neutralization and biotreatment using state-of-the-art technology, engineering and construction afford the opportunity to address the topics of sustainable development, chemical reactions and the role microbes play in the biotreatment process.
- *Social Studies* – The development and use of chemical warfare during World War I not only had an effect on the lives of soldiers, but it also drew worldwide attention, which decades later led to an international treaty impacting our community. This rich topic lends itself to an approach involving history, geography and civic standards, in addition to STEM content.
- *Career and Technical Education* – PCAPP is a model for Colorado’s post-secondary and workforce-ready learning and behavior skills through the Army’s Personnel Reliability Program, which highlights the importance of reliable, effective and competent individuals of good character performing duties required by chemical weapons destruction projects.

Contact

To discuss ways our project can work with you, please contact Maleah Slade at the Pueblo Chemical Stockpile Outreach Office at (719) 296-5903 or by email at maleah.slade@iem.com.