Chemistry and Physics on Wheels (CAPOW) Overview

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One of the most highly educational as well as entertaining demonstrations of the entire family science program was the appearance of Dr. Dan Sullivan Professor and “Science Wizard” at the University of Nebraska at Omaha and the CAPOW wagon. Igniting the interest of youngsters of all ages and their parents as well as grandparents to the exiting world of science using pops, flashes, and bangs, Dr. Sullivan demonstrated basic concepts of chemistry, physics, and energy.

The hour-long show, often requiring students and faculty to participate, used flaming exhibits, colorful chemical reaction, and other natural science effects to mesmerize the audience. These electrical, mechanical, and thermal demonstrations gave attendees a new and deeper understanding of earth sciences and other natural phenomena. All demonstrations were geared to elementary and secondary school levels and even the youngest student grasped the concepts being shown.

Pictures of a CAPOW Wagon event at the Winnebago Schools is contained in the Gallery Collection. Please note the smiling faces on everyone in the audience.