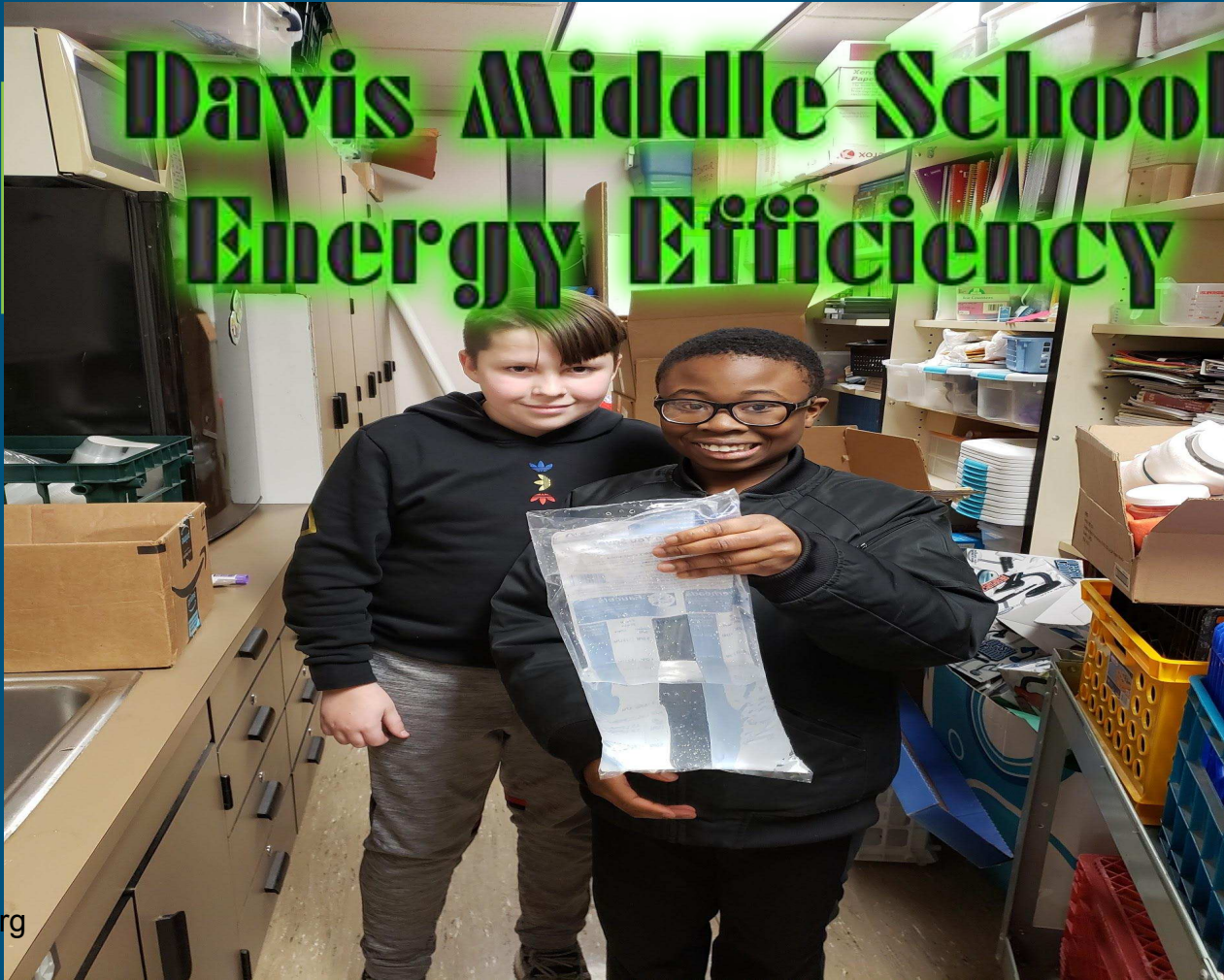


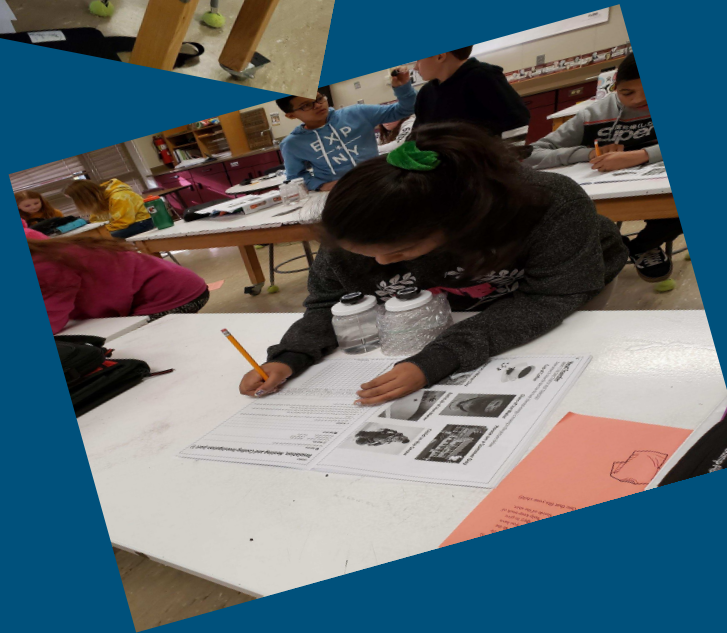
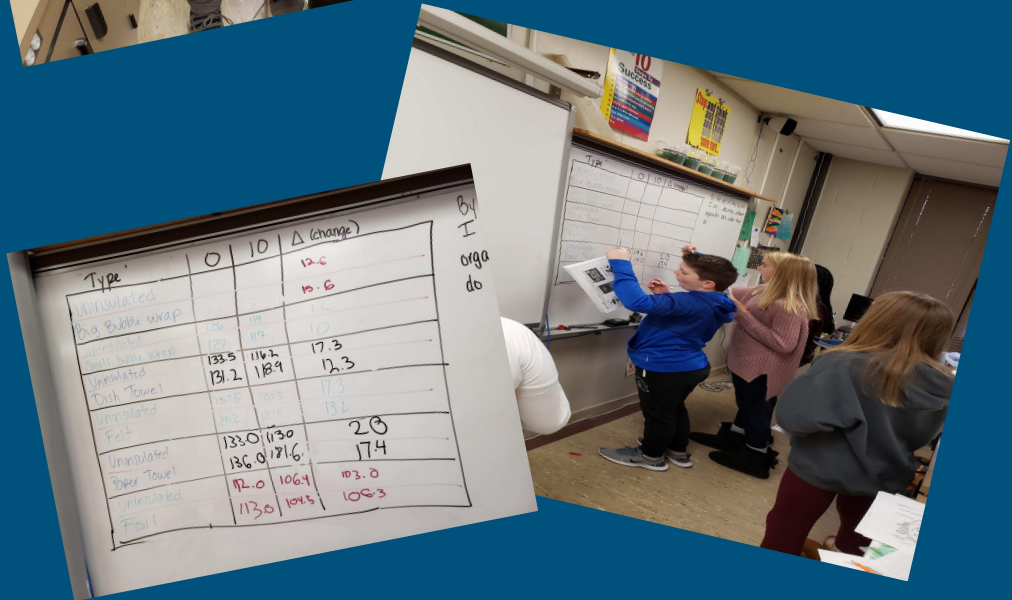
Davis Middle School Energy Efficiency



Advisor: Cary Lindberg

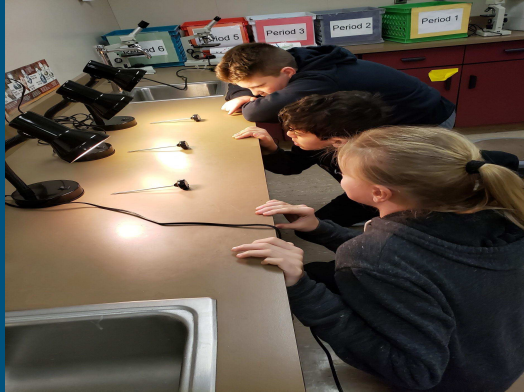
Students learned about energy and energy usage by reading background information and conducting experiments around school.







Using the E3 program, students learned about different energy types, sources of electricity, conservation, the cost of energy, water usage, insulation and house heating. This was done through a variety of activities to reach different learning styles and to give students hands on experience that they could apply to their outside lives at home. This was done through playing games to guess and connect information, testing different light bulbs efficiency, testing water flow around the school, testing different types of insulators, and comparing temperatures around the school.



These activities taught students how coal is used to get electricity, why LED bulbs are the most efficient and how they save us money, the importance of using high efficiency shower heads and faucets, why our houses need insulation, and how air escapes our houses. After each topic in our energy efficiency booklet, students took supplies home to test how their houses compared to each other. They installed items that would help make our houses more efficient and save their families money while educating their families about how this helps their household.