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*Oil Inferno*

I started this project because I wanted to test petroleum based products to see if petroleum based products are more or less flammable than vegetable and animal oil products. With a cheesecloth wick and one ounce of test product in a metal can, we proceed to light the selected oils. We lit 5 petroleum based products and lit six animal/vegetable based oil products. The petroleum based products tested were Crude Oil, Vaseline, Acetone, Lacquer Thinner and Mineral Spirits. The vegetable/animal based oil products I tested were Lard, Cod Liver Oil, Safflower Oil, Olive Oil, Linseed Oil and Turpentine. The experiment results were based on the size of the flame, length of time the product burned, and I observed if the product ignited or exploded when lit. Other side observations were recorded such as presence of smoke from the flame and the color of the smoke. I photographed the flame when it was ignited. I also recorded my observations after each product was tested. My hypothesis was correct. The petroleum based products are more flammable.