

## Chemistry!

Science. What is it? How do we study it? Dr. Art Fridel, retired IPFW chemistry professor, guided the students in the investigation of chemistry. The day began with a lot of questions. Students talked about the states of matter, properties of matter, and changing matter. To bring that together, the students experimented with calcium chloride, commonly found as a melting agent in rock salts, and baking soda. A step by step process helped them to discover how they reacted with each other and water.



Using their new found knowledge they tested seven different substances and an unknown mixture of those substances. Some substances clumped. Some fizzed. Others dissolved. Several simply did nothing but mix with the liquids each substance was tested with. Once the students were armed with the impact each test on the substance, they tested their unknown to discover what was in it!

## BALLOONS!

The hot air balloons were tested between chemistry experiments. Now that the balloons had dried it was time to see if their were any seams that didn't stick right or holes that were found in the tissue paper. It was quite the up-lifting experience!



## Patterns and Stocks: the sequel

Students selected stocks yesterday and investigated them today. Each received a print out of how their selected stock has been doing and is doing today. At the end of the week they will be able to graph and see how their stock behaved.

The patterns the students made yesterday have made a permanent mark on their attire. Each student, using sponges and paint, designed and sponge painted a t-shirt or pillowcase with their pattern. The final results were astounding. Way to go campers!