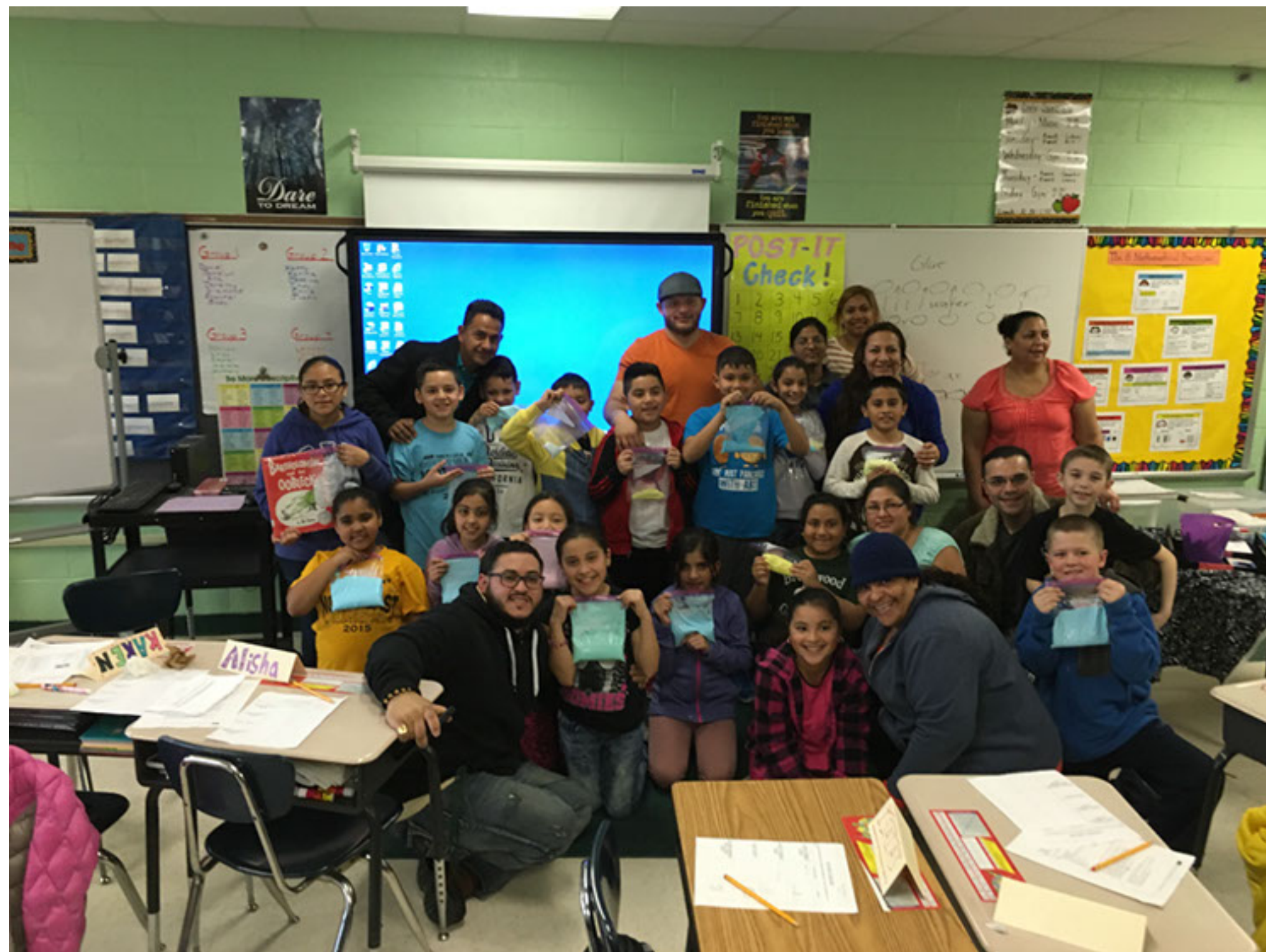


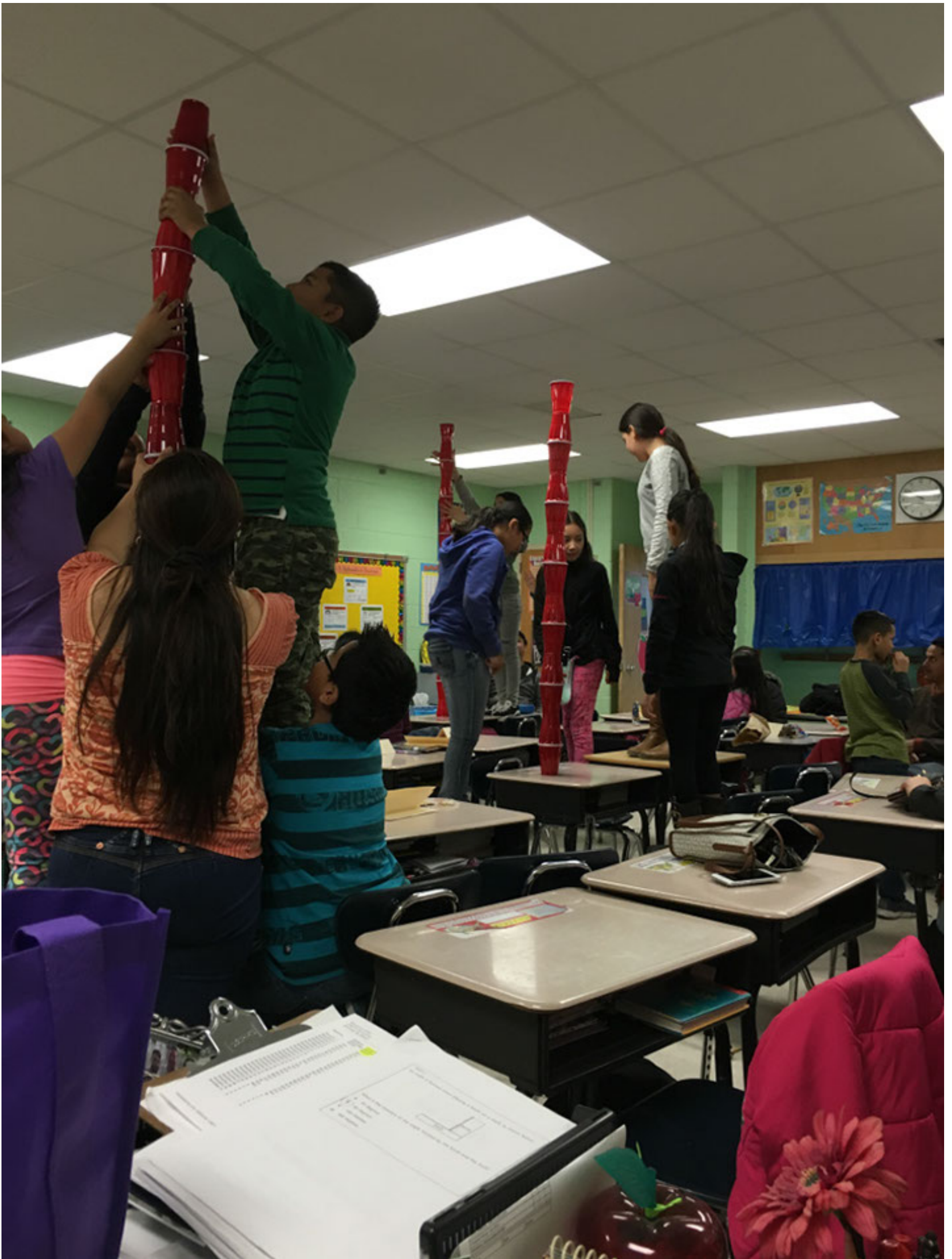
Elementary Saturday S.T.E.M. Academy

Week #1, our kids learned about what it means to be a chemical engineer. First, we talked about what chemical reactions and polymers are. Then, the children with their parents were broken up into groups. We distributed the materials. The materials were cups of borax (used in house cleaning supplies) and glue, ziplock bags, and measuring spoons. The objective of the groups was to come up with the perfect silly putty recipe using the borax and glue.



Week #2, the children participated in a cup staking challenge. At times they were allowed to use their hands to control their cups and string. Some challenges they were allowed to communicate while others they were not. Our objectives were for them to work together as a team toward a common goal, for the children to improve their verbal and nonverbal communication skills and to explore and implement various problem techniques.

We provided extra supplies to work on these activities at home with their parents at the end of each class.



Pictured are Ms. McNamara and Ms. Zane's classes



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