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W. E. Parker Elementary
Toys by Design

Thanks to the Teacher's Vision Grant W. E. Parker Elementary has students who are excited about being scientists and engineers. My students are in the process of designing and creating a prototype of a toy which meets the criteria set by Sir Isaac's Toy Company. Thus far, my students have experimented with different fluids by measuring and comparing their viscosity. My students have also tested a competitor's toy. They conducted viscosity, bounce, flexibility, and stickiness tests on the competitor's toy. Then, they analyzed the data, checking to see if the toy met the criteria and constraints set by Sir Isaac's Toy Company. Finally, my students evaluated how they can improve the properties of the competitor's toy.

During the process of this experiment, my students have used measuring cups, graduated cylinders, rulers, tape measures, test tubes and timers. They are learning the importance of being precise with their measurements, documenting their findings and analyzing and evaluating their data. The Toys by Design grant has my students looking forward to science.

