

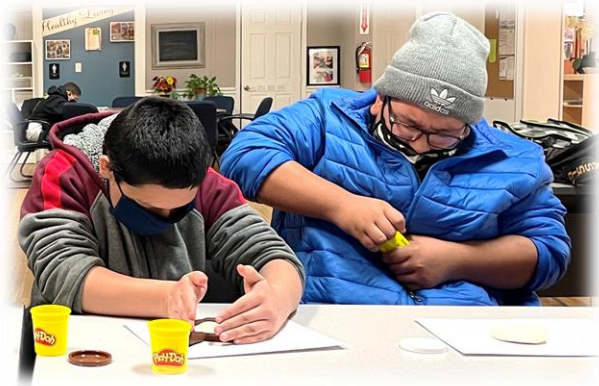


Junction Spotlight

Mission: Transforming Lives Through Faith and Action
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STEM CAMP

Participants in our Brain Builder program continued to learn during Spring Break 2021 by participating in our STEM Camp. STEM projects integrate science, technology, engineering, and mathematics. Activities including origami, building paper airplanes, and building Play-Doh structures allowed the kids to demonstrate their independent thinking, initiative, and teamwork as they enjoyed friendly competition. These projects allowed students to develop skills such as problem solving, creativity, and critical analysis. Involving the students in fun and interesting activities helps spark an interest in these fields, possibly leading them to pursue higher education in related areas and careers.



Learning With Play-Doh



Fun With Paper Airplanes

Their first challenge was to build structures with Play-Doh. After deciding on an original design, they put their engineering skills to use for planning, organizing, and building. Their unique creations included items such as a hamburger and an alien being. A second challenge was to build paper airplanes. This challenge illustrated basic principles of aerodynamics. While trying to make their plane fly farther than the others, the kids learned about drag using the shape, folds, and flaps of their design. The third project involved spatial perception and utilizing problem solving skills. Using the art of origami, they created a colorful cube that strengthened an understanding of geometric concepts. Having fun while learning, what could be better?