



Adventures in STEM

1st & 2nd Grade

Here at Red Butte Garden, we believe learning is fun and can happen anytime, anywhere. To help continue the fun at home, we've included an outline of the topics we'll study this week at camp as well as a list of additional activities, books, and other resources related to this week's theme. We hope you'll use this to engage with your camper and keep the learning process happening all summer long! Thanks for coming to Summer Camp, and we'll see you soon at the Garden!

CAMP THEME

This week we're exploring the exciting world of STEAM (science, technology, engineering, arts, and math). Through garden explorations, botanical experiments, and more we'll discover how these topics are related to the natural world. Be sure to ask your camper about:

- **Monday** – Science, color changing play-dough, creating hypotheses
- **Tuesday** – Technology, simple machines, alka-seltzer rockets, & marbles runs
- **Wednesday** – Engineering, action figure parachute, spaghetti towers, & problem solving
- **Thursday** – Art, paint solubility, Mobius strips, & mosaic turtles
- **Friday** – Math, geometric shapes and, symmetry, mathematical art

ACTIVITY IDEAS

- Build a Bridge for 21 Elephants
 - <http://tinyurl.com/21elephants>
- Create Popsicle Stick Catapults
 - <http://tinyurl.com/popsicle-catapult>
- Dancing Raisins Experiment
 - <http://tinyurl.com/dancing-raisins>
- Create a Self-Watering Planter
 - <http://tinyurl.com/DIY-watering-planter>

ADDITIONAL RESOURCES

- *The LEGO Ideas Book* by Daniel Lipkowitz
- *Bartholomew and the Oobleck* by Dr. Seuss
- *What Do You Do With an Idea?* by Kobi Yamada