



Dear Parent or Guardian,

In our current MySci Unit, How Things Move, students are exploring balanced and unbalanced forces, motion and non-contact forces, like magnetism and gravity. Your child will be acting like a scientist as they observe these concepts through hands-on experiments with dominoes, magnets, parachutes and cars and ramps. As the students learn about the science of forces, gravity, magnetism and friction they are recording their observations. The unit culminates in a design challenge where students create a chain reaction machine with dominoes, in order to apply their knowledge of forces through the engineering design process.

### School Home Connections

This unit highlights the many different kinds of forces and motion. Some suggested field trip experiences include:

- Six Flags: <https://tinyurl.com/sixflagsphysics>
- St. Louis Science Center: <http://www.slsc.org/experience-energy>
- Pole Position Raceway: <http://www.academyofracing.org/school-field-trips.html>

Thank you for your support in your child's science explorations!

Sincerely,

*Brandon Kearney*

Your Child's Science Teacher

