

**2nd Grade**



**Teachers participate FREE**  
**Parent Chaperones \$8**  
**Cafe/Arcade/Stuff Shop will**  
**be open for purchases**

# Push And Pull

Standard S2P3a,b

Students will demonstrate how pushes/pulls affect the motion of an object

Students will demonstrate the effects of changes of speed on an object

**\$8 per student**

Skating Incl.

This can be a NON-SKATING event

Bring a Bagged Lunch

**Avail 10 am-1 pm**

## Students will understand these Proper Concepts

- A force is a push or pull that makes something move
- A moving object will travel in a straight line if it is not touched
- A push/pull can change the direction of an object or cause the object to stop moving

## Students will participate in these Hands On Experiments

Build a track and roll ping pong balls from different heights, across different surfaces, noting their results comparing them to their original predictions

Students will brainstorm and investigate how to change the speed or direction of the ball, and apply the hypothesis to their experiment  
Students will disassemble and reassemble a skate and will be able to identify the parts that make skates move, turn, go faster and slow down  
Students will complete a chart and make a graph showing their findings

## Students will meet or exceed these Supporting Standards

- S2CS2: Students will have the skills necessary to analyze data and follow scientific explanations
- S2CS3: Students will use tools and instruments for observing measuring and manipulating objects in scientific activities
- S2CS4: Students will use ideas of system, model, change and scale in exploring scientific and technological matters



**55 Thomas Grace Annex, Sharpsburg or 3710 N. Henry Blvd., Stockbridge**  
**[www.StarliteFamilyFunCenters.com](http://www.StarliteFamilyFunCenters.com)**

**Call Tara Henry @ 770 252-9500 ext 9 to book your trip**



© Copyright 2015 by ACW