



## Elementary Make Your Mark Field Trips

*Field trip experiences take place on Wednesday or Thursday each week.*

*Schedule is tentative and subject to change.*

### **Week 1 Tacoma Glass Museum (Tacoma) June 27**

We kick off our summer by understanding the physics and chemistry of glass, observing how molten glass is shaped into beautiful and functional designs. If time allows, we will walk to the Foss Waterway Bridge and observe the architectural features of this cable-stayed bridge.

### **Week 2 Museum of Flight (Seattle) July 5**

A docent will start us off with facts about the history and mechanics of flight, and then we will explore the museum in small groups. We'll eat lunch outside amongst the kinetic sculptures – if it's a windy day, we're in for a treat!

### **Week 3 ACME Bowling (Tukwila) July 12**

Steerike! The ultimate test of cause and effect! Players are going bowling this week, teaming up in small groups to improve their game.

### **Week 4 Living Computers: Museum and Labs (Seattle) July 19**

Students will be immersed in the fascinating and rapidly changing world of computers and computer history. They'll participate in a guided activity in the Labs and explore the hands-on exhibits in the museum.

### **Week 5 Safeco Field Tour (Seattle) July 26**

Take a trip behind the scenes at the beloved Mariners stadium, where the balls fly through the air! How does velocity and gravity affect fastballs and air balls? Students will visit areas normally restricted to the public.

### **Week 6 Sno-King Ice Arena (Renton) Date TBD Bike Hike (Renton) Date TBD**

At the ice rink, students will experiment first hand with friction as their skates glide over ice, working on balance and coordination to skate the rink. **OR** If the ice rink is not available, the students will learn how force, motion, and gears all work together. They will ride their bikes 3.0 miles along the Cedar River trail to the nearby Maplewood Roadside Park. Make sure to bring the student's bike AND helmet the day of.

### **Week 7 Theo Chocolate and Ballard Locks (Seattle) Date TBD**

Learn about the amazing transformation of the cocoa fruit into what we know and love as chocolate! Watch the machines in action and sample some delicious treats. Students will also visit the Ballard Locks and learn about how this engineering feat changed the landscape of Seattle.

### **Week 8 Chalet Theatre (Enumclaw) August 16**

Our budding videographers will head to the theater this week to watch a movie on the big screen. We'll be having lunch at the Enumclaw Park across the street.

### **Week 9 Henry Moses Aquatics (Renton) August 23**

We'll put everything we've learned to the test, and then add water! How buoyant are our bodies and what can we do to propel ourselves through the water? Dive into fun with water slides, lazy rivers, wave machines, and spraying water. Fluid dynamics and physical motion, all in one!



## Theme Week Field Trips

*Off-site field trips for Theme Weeks will be determined near the start of each week and are scheduled to take advantage of the best weather and traffic conditions for the field trip locations.*