



## **Explore Summer 2023 at Ashbrook**

### **Young Explorers/Pathfinders, \$425/week (\$11.33/hr)**

**Full Day Program: 8:30 am-4:00 pm**

**Young Explorers: Current PS through 1st**

**Pathfinders: Current 2nd through 4th**

July 10 – August 18

Our Young Explorers Day Camp is for students age 3 up to grade 1 (as of the 22-23 school year). The camp is covered under our Certified Child Care licensing, so the student teacher ratio is never more than 10:1. The program is offered as individual weeks or a student can take the entire 6-week program for the price of only 5 weeks!

### **Pioneers, \$225 for a half day or \$425 for a full day program (\$11.33/hr)**

**Current 5th through 8th**

<b>AM Session</b> 8:30 am - 12 noon	<b>BREAK</b> 12 noon - 12:30 pm	<b>PM Session</b> 12:30 pm - 4 pm
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#### **Week of July 17**

<b>8:30 am - 12 noon</b>	<b>12:30 pm - 4 pm</b>
<b>Nikkole Duitsman, Science</b> <u>Applied Zoology</u> In this class we will practice being zoologists in the lab and field. Students will learn about dichotomous keys, population biology, and perform a dissection. Like the others this interactive camp will be full of games, fun, and no previous knowledge is required.	

#### **Week of July 24**

<b>8:30 am - 12 noon</b>	<b>12:30 pm - 4 pm</b>
<b>Nikkole Duitsman, Science</b> <u>Kitchen Chemistry</u> In this session, students will learn the art of chemistry through ingredients you can find inside your kitchen. We will learn about chemical processes through hands-on activities such as making cheese, soap, and ice cream. This interactive session will be full of games, fun, and no previous knowledge is required.	

## Week of July 31

8:30 am - 12 noon	12:30 pm - 4 pm
<p><b>Nikkole Duitsman, Science</b> <u>Applied Chemistry</u></p> <p>In this class, students will learn about the world of chemistry and how chemistry is applied out of the classroom. Class activities will include a biofuel challenge, soda bottle rockets, and plenty of lab time. Like the others, this interactive class will be full of games, fun, and no previous knowledge is required.</p>	

## Week of August 7

8:30 am - 12 noon	12:30 pm - 4 pm
<p><b>Paul Hunt, Mathematics</b> <u>MathCounts Boot Camp</u></p> <p>This course focuses on warm-ups and workouts, Mathcounts School Round and Chapter Round Competitions, and AMC 8 problems. The goal is to improve students' ability to qualify for their respective school's Mathcounts teams. Students will play Ultimate Frisbee or Poker during breaks, depending on weather.</p>	
<p><b>Dante Hoge, Music</b> <u>Summer Winds Music Camp</u></p> <p>Summer Winds is open to all students entering grades 6-9 in the fall with at least one year of playing experience. Summer Winds is a music camp for winds, brass and percussion featuring daily ensemble and sectional playing. We will also have instrument specialists to provide individualized instruction for each student. Lastly, we will cover some basic instrument repair/maintenance tips to keep your horn clean and in great working order. Our week-long rehearsal culminates in a concert on Friday at 2pm in the Ashbrook theater. Need-based scholarships are available.</p>	

## Week of August 14

8:30 am - 12 noon	12:30 pm - 4 pm
<p><b>Nikkole Duitsman, Science</b> <u>Transportation Engineering</u></p> <p>In this class, students will practice hands-on engineering by building and racing their own Air-Powered Dragster. Students will also have the opportunity to practice programming and flying a drone in order to accomplish specific tasks regardless of their programming experience. This interactive class will be full of games, fun, and no previous knowledge is required.</p>	