

## SUMMER SCIENCE CAMP

### COURSE DESCRIPTIONS & APPLICATION

- Weeks of:** June 5-9, June 12-16, June 19-23, and June 26-30
- Time:** Students will be engaged in hands-on learning from 8:15-2:15.
- Where:** Elmwood Elementary School  
1024 Magnolia Lane  
Naperville, IL 60540

This year **Summer Science Camp** is offered to all Naperville 203 students entering 1st through 6th grade for the 2017-18 school year. Since 1990 Science Camp has provided Naperville area students with outstanding science and math experiences. The camp continues this great tradition while leading new STEM initiatives and Engineering and Technology standards (ETS).

The science camp courses listed below focus on the integration of math, science, and technology, engineering and math (STEM) through a series of hands-on experiences. These engaging courses develop students' problem-solving strategies and higher-level thinking. Certified teachers with elementary and/or junior high background provide personalized instruction for all students involved. Students can sign up for more than one camp selection. Camp activities are repeated each week with a new group of students. All courses will be held at **Elmwood Elementary School**.

#### A. "Exploring the Wonder of My World"

- For boys and girls entering grade 1
- Students explore all areas of science while refining their observation skills. A different branch of science studied each day. A fun filled week of inquiry based science activities demonstrating the excitement of discovery.
- Offered three weeks. Tuition: \$180.

#### B. "Exciting Challenges for Future Scientists"

- For boys and girls entering grade 2
- Explores many life, physical, and earth science activities and experiments with an emphasis on "hands-on" and inquiry-based learning. Young scientists will love the stimulating science camp session.
- Offered all four weeks. Tuition: \$180.

#### C. "On the Frontiers of Science: Experiments that OOZE, BUBBLE, DRIP or BOUNCE"

- For boys and girls entering grade 3
- Camp explores all areas of science with activities that ooze, bubble, drip, or fly. Special emphasis placed on problem solving and technological applications of science concepts.
- Offered all four weeks. Tuition: \$180.

#### D. "Voyage to Mars"

- For boys and girls entering grades 4 & 5
- Activities & science experiments simulating a voyage to Mars and colonization of the planet. Beginning to intermediate rocketry with take home model.
- Offered four weeks. Tuition: \$180.

#### E. "Space Mysteries"

- For boys and girls entering grades 5 & 6
- Activities & science experiments revolving around a space visit to Mars followed by a safe return to Earth. Included are basic electronics, engineering, circuit boards, experienced rocketry, as well as robotics.
- Offered three weeks. Tuition: \$200 includes own robot to build and keep.

#### F. "Mysteries of Earth...Ecology and Technology"

- For boys and girls entering grades 3 & 4
- Activities/experiments focusing on the ecology/environment of the Earth as well as technological advancements such as renewable energy.
- Offered two weeks. Tuition: \$180.

### G. “Exploring the Earth...Ecology and Technology (advanced topics)

- For boys and girls entering grades 5 & 6
- Activities/experiments focusing on the ecology/environment of the Earth as well as on technological advancements such as renewable energy.
- Offered two weeks. Tuition: \$180.

### H. “CSI – Forensic Science”

- For boys and girls entering grades 4 & 5
- Students play the role of a detective unit and must use forensic tests to solve the case of the missing cookie. In addition, student will refine their forensic skills throughout the week.
- Offered four weeks. Tuition: \$180.

### I. “Girls in Science Rule!”

- For girls entering grades 5 & 6
- Sparks an interest in science and uses learning approaches based on research as to how girls learn best.
- Experiments/activities from all areas of science! A different branch of science studied each day.
- Examine the lives of famous women scientists.
- Offered three weeks. Tuition: \$200 includes your own robot to build and keep.

### J. “Lego League Laboratory”

- For boys & girls entering grades 4 & 5
- Introduces students to the fun and excitement of STEM through working together to build and program an autonomous robot to score points on a thematic playing surface.
- Provide students with a foundation for teamwork through the FIRST Core Values, Gracious Professionalism and Cooperation. Students will work within and across teams to foster this sense of community collaboration.
- Research and present an innovative solution to a real world problem related to the theme of the robotic game.
- Offered two weeks. Tuition: \$200

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## MAIL-IN REGISTRATION

To pay by check please complete the application form (last page) and mail it back to the address provided below.

1. Make checks payable to **Naperville C.U. School Dist. 203**
2. Address applications to:

| January 11 <sup>th</sup> – May 25 <sup>th</sup>   | May 30 <sup>th</sup> – June 2 <sup>nd</sup>   |
|---|---|
| Attn: Josh Louis<br>Science Camp<br>Washington Junior High School<br>201 N. Washington Street<br>Naperville, IL 60540 | Attn: Josh Louis<br>Science Camp<br>Elmwood Elementary School<br>1024 Magnolia Lane<br>Naperville, IL 60540 |

After June 2<sup>nd</sup> please hand deliver paper registrations to Elmwood Elementary School. You may enter through Door 17.

## ONLINE REGISTRATION

To pay by credit card you can register online at <https://www.studentquickpay.com/naperville203/>

## REGISTRATION DETAILS

Please note that \$25 of each registration fee is non-refundable. Parents will be notified if certain sessions will need to be cancelled due to insufficient enrollment (full reimbursement).

Though enrollment remains open throughout the summer, to ensure your place, please register by June 2<sup>nd</sup>. **Camp sessions may be cancelled if insufficient enrollment exists. No bus transportation is provided.** Parents are encouraged to carpool. Please e-mail the director if you have questions or special requests. For our new students and families, welcome to science camp. For our returning campers, we are looking forward to seeing you this summer!

*Joshua Louis*  
Science Camp Director  
[jlouis@naperville203.org](mailto:jlouis@naperville203.org)  
630-848-5664



# Student Application

(Please Print...e-mail will be sent as confirmation)

|   |   |
|---|---|
| Student Name:   |   |
| Grade Entering:   |   |
| Preshrunk Cotton Camp T-shirt Size:   | <input type="checkbox"/> Youth Small <input type="checkbox"/> Youth Medium <input type="checkbox"/> Youth Large <input type="checkbox"/> Youth X-Large<br><input type="checkbox"/> Adult Small <input type="checkbox"/> Adult Medium <input type="checkbox"/> Adult Large |
| Parent Name:  |   |
| Parent Home & Cell Numbers:   |   |
| Parent E-mail:  |   |
| Home Address:<br>(Please include city & zip code)   |   |
| Home School:  |   |
| School District:  |   |
| Additional information (life-threatening allergies, medical conditions, friend request, etc.) |   |

Please include one form per student.

**\*\*\*Please check/circle or highlight the camp week(s) you're signing up for this summer! All camps held at Elmwood Elementary School**

|    |   |                                     |                                     |                                     |
|----|---|-------------------------------------|-------------------------------------|-------------------------------------|
| A. | “Exploring The Wonder of My World!”                     | For Boys/Girls entering Grade 1.    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 12-16                     | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |                                     |
| B. | “Exciting Challenges for Future Scientists”             | For Boys/Girls entering Grade 2.    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |
| C. | “On the Frontiers of Science: Experiments that Ooze...” | Boys/Girls entering Grade 3         | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |
| D. | “Voyage to Mars”  | Boys/Girls entering Grades 4 & 5    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |
| E. | “Space Mysteries”                                       | Boys/Girls entering Grades 5 & 6    | 8:15am – 2:15pm                     | Tuition: \$200 (includes robot)     |
|    | <input type="checkbox"/> June 12-16                     | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |                                     |
| F. | “Mysteries of Earth...Ecology & Technology”             | Boys/Girls entering Grades 3 & 4    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 19-23 |                                     |                                     |
| G. | “Exploring the Earth...Ecology & Technology”            | Boys/Girls entering Grades 5 & 6    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 12-16                     | <input type="checkbox"/> June 26-30 |                                     |                                     |
| H. | “CSI – Forensic Science: Case of the Missing Cookie”    | Boys/Girls entering Grades 4 & 5    | 8:15am – 2:15pm                     | Tuition: \$180.                     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 | <input type="checkbox"/> June 19-23 | <input type="checkbox"/> June 26-30 |
| I. | “Girls in Science Rule!”                                | Girls entering Grades 5 & 6         | 8:15am – 2:15pm                     | Tuition: \$200 (includes robot)     |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 | <input type="checkbox"/> June 26-30 |                                     |
| I. | “Lego League Laboratory”                                | Boys/Girls entering Grades 4 & 5    | 8:15am – 2:15pm                     | Tuition: \$200                      |
|    | <input type="checkbox"/> June 5-9                       | <input type="checkbox"/> June 12-16 |                                     |                                     |

Parent signature: \_\_\_\_\_ Date: \_\_\_\_\_

Though enrollment remains open throughout the summer please register as soon as possible. Camp sessions may be cancelled if insufficient enrollment exists. Please e-mail the director if you have questions or special requests. The Science Camp Staff are looking forward to seeing you this summer.

Updated April 2017

