



ACADECAMP SUMMER 2019 (AGES 4-9) Sessions and Registration Form

The weekly bilingual AcadeCamp STEAM experience enhanced this summer by:

- Explorations in real-life Math and Science, in particular Entomology, based on Berkeley's GEMS guides
- Development of gentle stewardship of the live creatures it solicits for hands-on exploration
- Cooperative, real-world, multicultural, and "I-can-relate" context
- Small Group, Personalized and Across the Ages Learning, Teacher Supervised
- Stamp-a-T-Shirt
- Songs, Word Play, Literary Connections and Experiments in French
- Expert Guests and Walking Distance Field Trips
- Interconnected and Cumulative Play and Learning
- K2 Martial Art Jiu-jitsu Class
- Outdoor Activities
- Collaboration with AcadeCoders



Each week, the Friday Afternoon Project Showcase challenges AcadeCampers to find an innovative way to summarize and present what they have learned in Science, Technology, Engineering, Art and Architecture and Math (STEAM). For mastering STEAM skills and showing positive attitudes, AcadeCampers collect stamps which are added to their complementary AcadeCamp T-shirts. So come find out how many can a T-shirt hold?

Week 1: June 24 – June 28

LADYBUGS

Delightful ladybugs!

As this first camp session takes advantage of childhood delight with ladybugs, AcadeCampers manipulate key science and math concepts, including basic information relating to animal form and ecology. In a series of observational and role-play activities, campers learn about ladybug body structure, life cycle, defensive behavior, and favorite foods. Campers absorb the mathematical concepts of counting, symmetry, and pattern as they indulge their curiosity about this charming insect. Accordingly, campers learn important lessons about the environmental role of ladybugs and the interdependence found in nature. Friday afternoon is a **presentation of the play** they have written cooperatively based on the literature reviewed during the week.

Week 2: July 2 – July 5

ANT HOMES UNDER THE GROUND

Ants are fascinating social creatures!

This week's session brings AcadeCampers down to ground-level with this ubiquitous insect, introducing them to ant behavior using role-play, cooperative exercises, and up-close observation. In multilayered activities, campers learn about the insects' body structure, "jobs," and homes by observing ants in nature and in an ant farm. They role-play ants following a scent trail and dragging food through a tunnel-like structure. A large Ant Nest is assembled in stages to highlight ant-colony tunnels, food, social structure, and life cycle as each of these elements is introduced. The Friday afternoon culminating **cooperative logic game** called "Fill the Hill" uses stimulating mathematical and cooperative skills to round up knowledge the campers have gained.

Week 3: July 8 – July 12

MATH AROUND THE WORLD

A journey through the world of mathematics!

Through a compelling week of math play, AcadeCampers discover that games and diversions from across the globe and throughout time have relied on numbers, geometry, probability, and logic. Campers have fun learning about the different ways people around the world measure, count, and use patterns and symmetry in their everyday lives. Maps are used and historical connections are made. Campers play games such as Game Sticks by Native Californians, Achi from Ghana and the forbidden game of Jirig from Mongolia. They solve Lo-Shu puzzles, classic magic squares from China. They build with Architek from Quebec, Canada. Also included are imaginative board games like Lambs and Tigers from India and the Little Goat Game from Sudan, or bead and string puzzles from China, and Möbius strip puzzles from Germany. On Friday afternoon, AcadeCampers get to play with their favorite **math games**.

Week 4: July 15 – July 19**GROUP SOLUTIONS*****The cooperative potential of youngsters and their social dynamics fall into place to solve logic puzzles!***

This camp session brings cooperative learning to the forefront in highly motivating ways, providing AcadeCampers with early and valuable experience in working and solving problems together. They participate in 50 or more highly involving cooperative puzzles in logic, including the ones from Défi mathématique. Each camper receives a clue to a problem and must share the information with all other group members to find the solution. The entire group is responsible for resolving the problem, and the solution can only be discovered by amassing and connecting all the clues. **Math scavenger hunt** on Friday afternoon.

Week 5: July 22 – July 26**HIDE A BUTTERFLY*****Butterflies are flowers that fly!***

AcadeCampers use metaphoric wide-angle lens, creating and populating a mural meadow in which paper animals will gradually tell the stories of camouflage, predator/prey, and survival behavior in the real outdoors. Making camouflaged butterflies, hungry birds, and a meadow of flowers to enact The Butterfly Play, students learn several basic concepts—about protective coloration, parts of a flower, and strategies employed by both hunters and the hunted in a real meadow. They witness the wonder of the butterfly life cycle in child-and-insect friendly habitats. They see the caterpillar's transition as it grows, changes into a chrysalis, and finally emerges as a butterfly to then be released outside. There is ample opportunity for students to talk about small animals they've seen in real grass-and-flower environments. **Butterflies release** in three Fridays from this one.

Week 6: July 29 – August 2**BUZZING A HIVE*****A bee is an exquisite chemist! Royal beekeeper to Charles II***

During this extensive and fascinating session, AcadeCampers get a good introduction to the honeybee's extravagant communication system and intricate behavior, and an appreciation for our interdependence with these and all insects. In guided-discovery activities that build on one another, campers make paper bees to learn about bee body structure; act as bees in a beehive drama, taking the parts of guard bees and other role-players in the hive; perform bee dances to learn how bees communicate directions; and learn about bee predators and honey robbers. They learn about the honeybee from books, videos and posters of bee anatomy and life stages. The drawing of a bee mural captures each elements of the session as it comes into play. A talk by a **guest beehive keeper and/or a field trip to a local beekeeper**, on Friday, will expand the learning about the honeybee.

Week 7: August 6 – August 9**MATH ON THE MENU*****Calling all Entrepreneurial Gourmets!***

AcadeCampers plunge into the entrepreneurial world as they open, equip, and expand an ethnic restaurant...with all the attendant real-life mathematical challenges. They apply different problem-solving strategies as they plan and enlarge the menu, determine different combinations of ingredients, analyze costs, set prices, and address interior logistics when the restaurant expands to a second location. Campers have the opportunity to use a wide variety of combinatorial, statistical, mathematical-reasoning, and organizational skills. Friday afternoon **lunch date** at the AcadeCamp restaurant.

Week 8: August 12 – August 16**EARLY ADVENTURES IN ALGEBRA*****Zero, the mathematical Super Hero that adds sparkle, wonder, power and possibility to our base ten system!***

AcadeCampers build a foundation in algebraic thinking. Using the compelling context of "Zero the Hero," campers learn the important role zero plays in our number system. In a series of activities, including engaging games and challenges, they solve for unknowns, explore the concepts of equality and inequality, and represent and analyze mathematical situations using algebraic symbols. Throughout the session, camp counselors facilitate group discourse and encourage campers to explain their thinking. AcadeCampers develop crucial scaffolding for more complex algebraic reasoning. **Face Off math challenge** on Friday afternoon.

2019 SUMMER READING & WRITING PROGRAMME: Orton Gillingham Multisensory Teaching Sessions for Campers

For students with reading and writing difficulties, we offer Orton Gillingham-based multisensory teaching sessions, in addition to the activities provided during our AcadeCamp or AcadeCoders sessions. The OG multisensory teaching sessions will be offered for 1 hour, 5 times a week (4 times a week during holiday weeks), and the participant must register for at least 4 weeks, or preferably all summer, in order for the programme to be effective. If a student has not been evaluated previously, pre- and post- testing will be provided. With the Orton Gillingham approach, a student learns using the visual, auditory, kinesthetic, and tactile senses simultaneously. The OG multisensory teaching sessions will take place within the 9:00 am – 4:00 pm camp day.

Additional Information

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| Camp Hours: | 9:00 am – 4:00 pm |
| Pre & Post Camp Care: | 8:00 am – 9:00 am; 4:30 pm – 5:30 pm |
| Lunch Program: | Includes 2x pizza on Mondays (on 5-day weeks), hot lunch with dessert & fruit Tuesdays – Fridays |
| Contact Information: | Email us at info@acadecap.org or call 613-721-3872 |



Selection of Weeks

- 1: June 24 – June 28 LADYBUGS
- 2: July 2 – 5 (4 days) ANT HOMES UNDER THE GROUND
- 3: July 8– July 12 MATH AROUND THE WORLD
- 4: July 16 – July 20 GROUP SOLUTIONS
- 5: July 22 – July 26 HIDE A BUTTERFLY
- 6: July 29– August 2 BUZZING A HIVE
- 7: August 6 – 9 (4 days) MATH ON THE MENU
- 8: August 12 – August 16 EARLY ADVENTURES IN ALGEBRA
- Summer SMT (4 weeks)** Please indicate week numbers: ex. 1,2,3,4

Fees: **\$290** per 5 day week
\$232 per 4 day week (holiday week)

Discounted rate for all 8 weeks \$ 1984.00

Discounted additional week rate: (5 days) \$ 276.00
(4 days) \$ 220.00

Summer OG Multisensory Teaching Option: \$ 950.00
4 weeks, 1 hour sessions daily

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| First week: 5-day week or 4-day week | 1X | \$290 or 232 |
| Additional 4 day week: | #X | \$ _____ |
| Additional 5 day weeks: | #X | \$ _____ |
| OG Multisensory Teaching Option (4 weeks) | #X | \$ _____ |
| Subtotal Session Fees: | | \$ _____ |

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|---|-----------|-----------------|
| Pre and Post Camp Care: \$30/ 5-day week | #X | \$ _____ |
| \$24/ 4-day week | #X | \$ _____ |
| Subtotal Supervision Fees: | | \$ _____ |

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|---|-----------|-----------------|
| Lunch Program: \$55/ 5-day week (incl. 2x Pizza) | #X | \$ _____ |
| \$45/ 4-day week | #X | \$ _____ |
| Pizza (Mondays Only): \$5/slice | #X | \$ _____ |
| Subtotal Meal Fees: | | \$ _____ |

TOTAL FEES: \$ _____

Child's Name: _____ Sex: M / F

DOB: YYYY/MM/DD Current Grade: __ Age: __ Health Card#: Optional

Parent's/Guardian's Name: _____

Address: _____

Postal Code: _____ Email: _____

Tel-Home: (XXX) XXX-XXXX Work: (XXX) XXX-XXXX Cell: (XXX) XXX-XXXX

Emergency Name: _____ Tel: (XXX) XXX-XXXX

Contacts: Name: _____ Tel: (XXX) XXX-XXXX

Special concerns, needs, health, allergies, behavioural etc.

Media Consent

There are times we photograph or videotape the children participating in camp activities. We will publish some of these pictures (i.e.: newsletters, website, Facebook, twitter, brochures, newspaper ads, etc.), without naming individual campers. Académie de la Capitale/École internationale Acadecap International School is requesting permission to use photos/videos of your child. Please note that remuneration will not be given for the use of photos/videos.

I give Académie de la Capitale/École internationale Acadecap International School permission to publish pictures of my child

Signature of Parent/Guardian

Initial or Sign

Date YYYY/MM/DD

Waiver

I hereby release and forever discharge Académie de la Capitale/École internationale Acadecap International School, its directors, its employees, agents and all persons authorized by it from any claim, damages, action or cause of action or otherwise that may result from either personal injury or property damage suffered by the said child engaging in school activities including field trips provided, however, that the school and its employees and agents exercise reasonable care.

I hereby authorize the Administrators, staff and/or excursion supervisor(s) to act on my behalf as my agent(s) to engage medical attention or hospitalization if required on an emergency basis.

Signature of Parent/Guardian

Initial or Sign

Date YYYY/MM/DD

Finances

Please make cheques to **AcadeCap International School to ensure a spot as our camps fill up quickly.**

Payment by Interac e-Transfer:
finance@acadecap.org (Please indicate child's name in description and provide password in separate email.)

Please note there are **no refunds.**