

**Challenge Summer Institute 2010
Registration for grades 4-6**

Please complete a registration form for each child interested in participating. Make additional copies as needed.

Camper's Name _____

Age _____ Date of Birth _____ Current grade _____

Address _____

Primary Parent Contact: _____

Home Phone: _____ Email: _____

Work Phone: _____ Cell Phone: _____

Emergency Contact: _____

Emergency Contact Day Phone: _____ Cell Phone: _____

My child is allergic to: _____

If there are special conditions we should be aware of regarding your child, please tell us: _____

I give permission for Challenge Summer Institute to photograph or videotape my child.

Child's T-shirt size:

- YXS YS YM YL YXL

Schedule

Period 1 (choose 1)

- Choice A: **Structure and Design: Elements of Building and Architecture**
 Choice B: **Tuning our Technique: Intermediate Creative Writing**

Period 2 (choose 1)

- Choice A: **Winging and Flinging: Forces, Explosions and Rocketry**
 Choice B: **Utilizing Robotics: Using Robots to Solve Problems**

Period 3 class (choose 1)

- Yes, my child will take period 3: **Crime Scene Investigation: Evidence vs. Inference**
 No, my child will dismiss at 12:15

**Challenge Summer
Institute
(CSI) 2010**



**Brochure for students currently in grades
4-6**



August 2 -13, 2010

Philosophy

The Challenge Summer Institute is designed to provide state-of-the-art academic enrichment programming for high-ability and highly motivated students. Students will receive individually tailored instruction in high interest, high impact curricula to develop their creative and critical thinking skills. The program is open to all energetic, curious and motivated students; acceptance is not limited to students who have been formally identified for instruction in the in-school Challenge enrichment program.

Course Selection

Each student will select from the listing of courses to create a personal schedule. Students may take 2 or 3 courses, one during each period. Each course meets once a day for 90 minutes. Students should indicate their first choice for each class period (one, two and three). Classes will fill up quickly, so we encourage students to apply early to increase their chances of getting their first choices for each period.

Features

- *Small classes
- *Taught by energetic certified teachers who also have certification, coursework and/or experience working with high ability students.
- *High interest courses
- *Very interactive
- *Individualized objectives to meet needs and interests of each student
- *Student resources, materials and supplies provided by the camp

Camp parameters summary

Length: 2 week camp, Monday-Friday, Aug. 2-13th

Camp hours: 8:30-2:30 (or 8:30-12:15 for students only taking courses for periods 1 and 2)

Location: Washington Irving, 1st and 2nd floors

Age groups: Current 2-3 and 4-6 students

Price: \$450 for two 10-session courses, \$600 for three 10-session courses

*Family discounts and need-based scholarships available

	<u>Grades 4-6</u>
<u>Period 1</u> 8:45-10:15	<u>A. Structure and Design:</u> Elements of Building and Architecture
	<u>B. Tuning our Technique:</u> Intermediate Creative Writing
<u>Period 2</u> 10:45-12:15	<u>A. Winging and Flinging:</u> Forces, Explosions and Rocketry
	<u>B. Utilizing Robotics:</u> Using Robots to Solve Problems *\$20 materials fee
<u>Period 3</u> 1:2:25	<u>Crime Scene Investigation:</u> Evidence vs. Inference

Courses for Grades 4-6

Structure and Design: Elements of Building and Architecture

In this class, students will develop an understanding of the architectural and engineering principles that govern building structure and stability. Students will create models and perform activities using paper, cardstock, found objects, on-line activities and materials such as Lego's and K'Nex.

Tuning our Technique: Intermediate Creative Writing

Following the Balanced Literacy model, students will create and edit a variety of literary products while refining their use of figurative language and sound devices, including the camp Literary Magazine.

Winging and Flinging: Forces, Explosions and Rocketry

Combining physics, chemistry and history, students in this course will go ballistic as they learn how to launch, fire, shoot, detonate and otherwise discharge a variety of projectiles.

Utilizing Robotics: Using Robots to Solve Problems

Working in teams and independently, students will use materials including Lego MindStorm to build robots that can perform a variety of functions. Students will then define problems to solve and create a robot to perform that function.

Crime Scene Investigation: Evidence vs. Inference

Students will break down a crime scene and analyze evidence just like the professionals do. They will work in teams to conduct crime-lab tests on the evidence, analyze the results, and try to solve the mystery.

Fees (Check only one box below)

- 2 periods: \$450
- 3 periods: \$600

Discounts

Two child discount (50% off second child)

- \$675 total for two-period option
- \$900 total for three-period option

Three child discount (three for price of 2)

- \$900 total for two-period option
- \$1200 total for three-period option

(+ \$20 materials fee for Utilizing Robotics)

Refund Policy

Full refunds one week before camp begins. Within one week, \$50 registration fee is retained. No refunds once program has begun.

Make Checks Payable to:

USFD of the Tarrytowns

Send check and registration form to:

Challenge Summer Institute

c/o Maureen Massaro
4 Twin Peg Dr.
New City, NY 10956

Need-based scholarships available

Contact: Maureen Massaro: mmassaro@tufsd.org

To meet our instructors and see sample lessons, come to our Open House on May 25, 6:30-7:30 pm at Washington Irving.