**Nomination Process**

We request that mathematics teachers recommend students who are currently in grades 4 – 9 to apply for this unique opportunity to attend a mathematics enrichment institute. Each student must complete an application form. The Selection Committee will apply all of the criteria in selecting the participants:

- **Student application form, filled out by the student and signed by the parent or guardian**
- **Teacher recommendations are NOT REQUIRED THIS YEAR.**
- **Current school transcript or report card**
- **Entrance examination**
- **Interest and enthusiasm for mathematical problem solving**

Students who have previously participated in this program are ineligible to participate a second time.

**Site and Time**

Sessions are held at SUNY College at Old Westbury, on Saturday mornings from 9:00 A.M. to 11:30 A.M. Classes this year may be virtual due to Covid-19.

**Funding**

The Institute of Creative Problem Solving is a tuition-free program. There is no refundable $40 application fee. There are no additional charges to participate in the program. We are a nonprofit 501c3 organization. Donations are strongly encouraged and are tax-deductible.

**Transportation**

For in-class sessions each family must provide transportation for their child. We do not arrange car pools.

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**Exam Information**

The completed packet requires:

1) signed student application form with the name and email of a teacher who would write a recommendation

2) current grade transcript or report card

3) a $40 check made payable to “The Research Foundation of SUNY” (application fee is not refundable)

All items must be received in the same envelope. The application packet must be postmarked no later than March 12, 2021, for the April 10, 2021 exam. Within 2 weeks of the receipt of the application, parents will be emailed information concerning the entrance exam. Please make sure that your email is correct and easy to read. If you do not receive an email check your spam folder. Email kalisha@oldwestbury.edu if you do not receive an email confirmation.

Send completed application packet to:

Institute of Creative Problem Solving
SUNY College at Old Westbury
P.O. Box 210
Old Westbury, NY 11568-0210
Attention: Mimi Schnier

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**Entrance Examination**

Please note that all nominees must take the entrance examination:

**Date:** Saturday, April 10, 2021

**Times:**

<table>
<thead>
<tr>
<th>Grades 4 &amp; 5</th>
<th>9:00 AM - 11:00 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grades 6 &amp; 7</td>
<td>10:00 AM - 12:00 noon</td>
</tr>
<tr>
<td>Grades 8 &amp; 9</td>
<td>11:00 AM - 1:00 PM</td>
</tr>
</tbody>
</table>

The exam must be timed for 90 minutes.

Use the extra 30 minutes to download the exam and then to create a single pdf document of all the answers worked shown.

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**Institute of Creative Problem Solving for Gifted and Talented Students**

2021-2022 Academic Year

Application Deadline: March 12, 2021

Entrance Exam: April 10, 2021

The State University of New York College at Old Westbury continues the Institute of Creative Problem Solving for Gifted and Talented Students for the 2021-2022 academic year. The Institute will present 20 workshop sessions designed to engage gifted students, grades 5-10, in creative problem solving in mathematics and science. Classes meet at SUNY Old Westbury during the school year on Saturday mornings from 9:00 – 11:30 AM. This year all sessions may be virtual.

We invite you to distribute our information and to recommend gifted and talented students who are currently in grades 4 – 9.
Institute of Creative Problem Solving for Gifted and Talented Students

DESCRIPTION OF PROGRAM

Learning to solve problems is the underlying reason for studying mathematics. It is the principle mathematical skill that needs development in students. The National Council of Supervisors of Mathematics placed problem solving at the head of its list of ten basic skills of mathematics. The National Council of Teachers of Mathematics stated in its publication, An Agenda for Action, that problem solving must be the focus of mathematics.

Accordingly, the Institute of Creative Problem Solving for Gifted and Talented Students was established to improve the problem solving skills of a selected group of high-ability students from Long Island. It will provide training sessions on 20 Saturdays from 9:00 AM to 11:30 AM during the 2021-2022 academic year.

Participants will:

• study topics not usually covered in the standard curricula
• develop an ability to devise problem solving strategies and approaches
• become acquainted with important mathematical ideas
• extend mathematical skills
• sharpen mathematical intuition

Since the main focus of the Institute will be on mathematics, the activities will involve advanced math instruction, motivational lectures, exposure to hands-on research-oriented activities, career-planning, and meaningful interactions between the participant and the institute staff.

The Institute recognizes the importance of influencing students to select careers in mathematically dependent fields.

The following local and regional organizations support the Institute: Nassau County Mathematics Teachers Association, Suffolk County Mathematics Teachers Association, Nassau County Interscholastic Mathematics League, the Nassau County Association of Mathematics Supervisors, MoMath (the National Museum of Mathematics), and Math Olympiads for Elementary and Middle Schools (MOEMS).

The Institute will select gifted and talented students who reside in either Nassau or Suffolk County to participate in each of the three sections. Approximately 87 students who are accepted into the Institute will be officially designated a “Long Island Young Scholar of Mathematics” and will be awarded a certificate of accomplishment upon successful completion of the program.

APPLICATION PACKET

The completed packet requires:

1) signed student application form with the name and email of a teacher who would write a recommendation
2) current grade transcript or report card
3) a $40 check made payable to “The Research Foundation of SUNY” (application fee is not refundable)

Send the completed packets to:
Institute of Creative Problem Solving
SUNY College at Old Westbury
P.O. Box 210
Old Westbury, NY 11568-0210
Attention: Mimi Schnier

An email will be sent within 2 weeks of the receipt of the application to confirm the material was received. Please be sure to give a correct email address that is easy to read. If no email is received, contact me at katiha@oldwestbury.edu.

HISTORY OF THE PROGRAM

Dr. Jong Pil Lee, Distinguished Service Professor at SUNY College at Old Westbury, founded the Institute of Creative Problem Solving for Gifted and Talented Students in 1992. Dr. Lee served as Director until his death on December 12, 2011.

In addition to the children’s classes, several workshops will be provided for the parents. These are designed to acquaint parents with techniques for working with their gifted children.

This year we had a successful program that ran virtually for all the sessions.

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