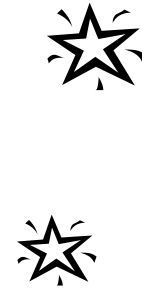


*Saturday School for Scholars and Leaders*



*Since 1975!*

*Spring B 2018 Session*

*March 24, 31, April 14, 21, 2018*

**Class Brochure**

*Classes: 9:00AM-12:30PM*

*Website: <http://education.gsu.edu/saturdayschool>*

*E-mail: [saturdayschool@gsu.edu](mailto:saturdayschool@gsu.edu)*

*Telephone: 404-413-8029*

**\*\* DEADLINE FOR Spring B 2018 REGISTRATION \*\***  
**March 17, 2018**



**Dr. John E. Kesner**

**Executive Director**

**Department of Early Childhood Education**

**Georgia State University** 

**Website: <http://education.gsu.edu/saturdayschool>**

**E-mail: [saturdayschool@gsu.edu](mailto:saturdayschool@gsu.edu)**

**Telephone: 404-413-8029 Fax: 404-477-5058**

## *Saturday School for Scholars and Leaders*

### **ABOUT SATURDAY SCHOOL FOR SCHOLARS & LEADERS**

Saturday is not your usual day for school, and the participants in the Saturday School program are not usual students. Our wide variety of enrichment classes are designed to challenge participants, K-8th grade. All classes are held on the downtown main campus under the supervision of the Department of Early Childhood Education. The diverse curriculum is structured to offer educational opportunities emphasizing leadership, scholarship and cultural awareness.

#### **Application Process**

Saturday School for Scholars and Leaders is designed to meet the educational needs of gifted and talented children. Students may either receive Provisional or Full admission.

Provisional Admission is offered to all students for 1 year. Students receiving provisional admission may register for classes, but have one year from the date of initial application to provide evidence of meeting the admission criteria. Students who do not provide this evidence within the year time limit will not be allowed to remain in the program.

Full Admission to the program requires meeting the specific criteria for admission at the time of first application. In order to receive full admission, all students must have:

- Test Scores indicating a 90th percentile or above on a nationally normed ability or achievement test, or an IQ of 120 or above.
- A recommendation by school personnel or the testing psychologist.
- The recommendation and test scores must be submitted with the application and fee payment. All four components must be received before applicants can be admitted.

Students who have attended previous Saturday School sessions do not have to resubmit test scores and recommendations. Applications will only be accepted by online submission at <http://education.gsu.edu/saturdayschool>

#### **Tuition Fee**

The cost for the session is \$195 (4 Saturdays, 3½ hours each). Please note that a 15% discount is available to Faculty, Alumni and Students of GSU. Only one discount may be applied per class. The Saturday School for Scholars and Leaders program is no longer accepting checks as a form of payment for our classes. Class tuition must now be paid by credit card. We accept Visa, MasterCard, Discover and American Express. Please visit our online application and register there.

#### **Registration/Cancellation Deadline**

All applications must be received by March 17, 2018. You are encouraged to submit applications before the deadline. Applications are processed on a first-come, first-served basis. Cancellations must be received in writing before the registration deadline in order to receive a full refund, (minus a \$25 processing fee). There will be no partial refunds after the deadline or for missed classes.

#### **Acceptance Confirmation**

Confirmation letters will be e-mailed about 5-10 days prior to the beginning of the session. Please feel free to call us if you wish to confirm earlier. Late registrations may not receive a confirmation letter and parents should call for a confirmation.

#### **Photo Release**

By completing the registration form, parents give permission to the Saturday School for Scholars and Leaders program, to take photos and videos of their child for use in the program's promotional activities and on the program's website.

#### **Spring B 2018 REGISTRATION CALENDAR**

Registration Opens: February 14, 2018

Registration Deadline March 17, 2018

Session Begins: March 24, 2018

## CLASS DESCRIPTIONS FOR SPRING B 2018

### **Primary I (K & 1)**

#### **Jumpstart Science\*** Science is fun!

This course is all about creativity and discovery through our 5 senses. Students will explore and investigate various concepts through hands on experiments and activities within the world of life and physical sciences. With the use of the scientific method, students will be able to deepen their understanding by exploring states of matter and it changes, density and buoyancy, DNA and fingerprinting, force and gravity, cells, and chemistry, while strengthening their literacy and writing skills. This interactive course will expand your child's creativity and love for science while having a blast!

**Instructor: Dr. T. Larry, International Baccalaureate MYP**

**Coordinator/Gifted Science Educator. Primary I (K & 1) & Primary II (2 & 3)**

#### **STEM is the future: Create, explore, build, observe, solve, innovate & invent.**

STEM is a must in Early years of life.....Stimulate young mind's thinking, ignite the passion to follow STEM by providing skills to compete in universal workforce and integrate this into daily activities!!!! Our youth are natural born scientists and engineers. Explore, Inquire, Build, Question – are the dynamics of STEM. Expose your kids to building, counting, constructing, creativity with critical thinking, discovering, explaining how something works/happens and exploration through play which are concepts at the heart of STEM. Inspiring students with STEM will lead to think deeply and become innovators, educators and researchers.

**Instructor: Dhanu Krishnamurthy, Elementary Teacher. Primary I (K & 1)**

\*Cross-listed class, Primary I & Primary II

**Welcome to Crystal Pond Woods!** Where Thinking is a Pleasure  
Come one, come all to Crystal Pond Woods! We will meet 5 animal characters who live in this fairy-tale village. Although these animals are good friends, they are each “thinkers” in a special way and teach the children how to “think” like they do. Dudley the Detective is a deductive/convergent thinker. Isabel the Inventor is a divergent thinker who likes to brainstorm lots of answers to a problem. Sybil the Scientist loves to classify and organize the information she collects. Max the Magician attempts to fool our brains through what our eyes perceive. Jordan the Judge encourages students to base decisions on factual criteria which is a kind of evaluative thinking. Put on your thinking caps and have fun!  
**Instructor: Teresa W Pawlik, EdD. Doctorate in Gifted Education, John E. Kesner, Ph.D., Associate Professor Early Childhood and Elementary Education. Primary I (K & 1)**

## **Primary II (2 & 3)**

**Jumpstart Science\*** Science is fun!  
This course is all about creativity and discovery through our 5 senses. Students will explore and investigate various concepts through hands on experiments and activities within the world of life and physical sciences. With the use of the scientific method, students will be able to deepen their understanding by exploring states of matter and it changes, density and buoyancy, DNA and fingerprinting, force and gravity, cells, and chemistry, while strengthening their literacy and writing skills. This interactive course will expand your child’s creativity and love for science while having a blast! **Instructor: Dr. T. Larry (International Baccalaureate MYP Coordinator/Gifted Science Educator). Primary I (K & 1) & Primary II (2 & 3)**

\*Cross-listed class, Primary I & Primary II

## **Sing With Me and Ignite Your Shine!!!!**

Whether it's playing an instrument or performing a poem, there is creativity in us all. Using various themes through the movie Sing, students will find that creative spark within, and ignite it. Students will learn about fighting fears, finding creative solutions for problem solving, working collaboratively, and articulating voice. In the end, with beautifully constructed candy microphones, students will showcase their talents. Yes, it's a TALENT SHOW!!!!!! Come join us in the fun! Instructor: **Nicole Trimble, Gifted Endorsed. Primary II (2 & 3)**

## **Middle (4 & 5)**

### **Scratch Coding**

Coding is part of literacy for students in the 21st Century. Scratch, a coding (programming) language and an online community where children can program and share, was designed at the MIT Media Lab. As students create with Scratch, they learn to think critically and creatively, work collaboratively, and reason systematically. Students will be introduced to Scratch while learning the basics of computer science through activities including creating a personal vector-drawn sprite and coding versions of games such as Pong and Snake to gain an appreciation of the work behind apps and games in the digit world. **Instructor: Patrick Edmondson, Gifted certification and 34 years experience in Dekalb Co. Schools and at The Children's School. Middle (4 & 5)**

### **Math Solutions**

This course is designed to make mathematics real everyday life for our young students with a fresh look at problem solving, calculators and the internet in the classroom. Review the National council of Teachers of mathematics (NCTM) calculator- usage and problem-solving standards for framework to design address content methods for answering Common Core math questions and meet state standards. Then develop a walking field trip through tasks found in student's daily lives. **Instructor: Dr. Kwesi Yankey (Math Teacher). Middle (4 & 5)**

## **Structural Design and Engineering**

The students will use the engineering design process to learn how to work in teams to apply the principles of structural design and engineering through research, design, construction, destructive testing, and assessment to determine the design efficiency of the structure. We will use the Engineering the Future Curriculum as a supporting baseline. The following topics will be covered:

- Identifying the Loads the Building Must Support
- Use Failure Analysis to Design a Safer Structure
- Test Construction Materials for Strength
- Describe Mechanical Properties of Materials

We will build a bridge and a cardboard chair that will hold up to 250 pounds. **Instructor: Shenica Bridges–Mathieu, Engineering and Technology Teacher. Middle (4 & 5)**

## **I AM Art & Math**

Put the AM in steAM. The focus of this course is the relationship between art and math, which fosters students' ability to creatively solve problems. The classes will focus on Cubism, an art style made famous by Pablo Picasso, that focuses on geometric shapes; tessellations, a geometric plane with a pattern of shapes with no gaps or overlaps, M.C. Escher is an artist famous for using tessellations; and linear perspective, the geometric method of representing on a flat surface the way that objects appear to get smaller and closer together the further away they are from the viewer. This method was used by artists like Leonardo da Vinci. Students will be able to use linear perspective to design a cityscape. **Instructor: Shameka Sheldon, Certified Art Teacher. 11 years of experience teaching art in middle school and high school. Middle (4 & 5)**

### **A Travel in the World of Science**

During this hands-on activity based course, students will have fun with science experiments, problem based learning activities and critical thinking skills. Students will explore topics ranging from DNA, sustainability, genetics to forensic science (topics change per session). Each activity or experiment will provide them with a deeper understanding about the world of the science including a concluding multimedia presentation by the students. They will enjoy this course by completing an original experiment by using the scientific method, extracting DNA, learning the biography of famous scientists and having in depth scientific discussion using the Socratic Method. **Instructor: Marcia Pecot, Science Instructor. Middle (4 & 5)**

### **Upper (6, 7 & 8)**

#### **21st Century Project Managers: Real time Skills for Successful Projects**

Have you ever planned a birthday party, school project or school fundraiser event and realized, “this is not going well.” Or you realize you are “Running out of Money.” This course is an interactive, hands on guide to learning the basic skills of project management for greater success. Planning a birthday party, school project, family event or building an airplane model is now more fun and enjoyable. Students will learn how to initiate, plan, organize and engage each other as they implement a project idea. Students will combine social and technology skills to create and design a project for show and tell at the end of the course. Put your creativity and imagination hats on and let’s do it. **Instructor: Jarvista "Nataki" Rivers, Certified Project Manager. Upper (6, 7 & 8)**

**Let's explore wonders of mathematics and science in our daily lives.** Everything in the Universe Is Made of Math – Including You. We use different aspects of mathematics every day and everywhere. This class will explore many wonders and uses of mathematics like how do you calculate when you want to invest money, (interest rates, profits, loss etc.), how do you estimate costs after discount, how do you estimate area and volume of any things in the world? First half of the class we will learn different aspect of real life application of math covering arithmetic, algebra, geometry and magic of numbers. During 2nd half of the class we will do hand-on project on physics (simple machine), chemistry (importance of carbon element) and microbiology (infectious microorganisms) **Instructor: Mausumi Basu, PhD. Upper (6, 7 & 8)**



**Registration for the Saturday School for Scholars and Leaders program is now completely online. We will no longer be accepting paper applications. In addition, we are no longer accepting checks as a form of payment for any of our classes. Class tuition must now be paid by credit card only. We accept Visa, MasterCard, Discover and American Express. Please visit our online application link given below for registration:**

**<http://saturdayschool.education.gsu.edu/>**

**You can now donate all or a portion of the Saturday School for Scholars and Leaders program tuition to enable a child whose family is struggling financially to participate. For more information and to donate, click on the link below:**

**<https://netcommunity.gsu.edu/give-to-coe?fid=Ud5zLe5HEEY%3d&fdesc=3XhkLtQeWq9XaKIQvsuteZY0idZZeE5bUWPDU%2fAs9oE%3d>**

**Your donation is tax deductible and 100% goes towards paying student tuition.**