BLOCK 2 – 10:35 AM – 12:00 PM

Code Studio

This course is designed for students who can read fluently and have no prior programming experience. In this course students will create programs to solve problems and develop interactive games or stories they can share.

Maximum: 25 Gr. 3-4
Saturdays, 10:35-12:00
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)

Full STEAM ahead

The course explores STEM topics such as neuroscience, quantum mechanics, and astrophysics using music to make these subjects exciting, accessible, and fun. Each class features a hands-on project so students leave with their own creation each week -- from stethoscopes to neurons and even a full-octave straw flute! Guest musicians lead and guide students in all of the fun and exploration!

Maximum: 10 Gr. 4-6
Saturdays, 10:35-12:00
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)

LEGO Robotics

Come and learn about engineering and robotics using LEGOS! We will be using LEGO WeDO to solve problems and complete tasks. Let's build and control LEGO robots together!

Maximum: 12 Gr. K-2
Saturdays, 10:35-12:00
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)

The Kent Gardens PTA is pleased to offer the 4th year of:

SUPER STEM SATURDAY

2016 Winter Session :

January 9, 16, 23, 30 and
February 6, 13, 2016

TJHSST and MHS students will come to Kent Gardens to interact with our students around the STEM subjects.
Please join us to enjoy STEM classes at KGES!!
We hope that Kent Gardens students will enjoy:

- **Robotics**
- **Advanced Math**
- **Coding**
- **"STEAMing Music"!!**

Thanks to the collaboration between McLean area educators and Thomas Jefferson High School for Science and Technology (TJHSST) and McLean High School (MHS) students, the engineering program at Kent Gardens is pleased to offer again this year a series of classes focused on

The following applies for all Super STEM Saturday classes:

- The Winter 2016 session of the Super STEM Saturday will take place on:
  January 9,
  January 16,
  January 23,
  January 30,
  February 6,
  February 13.
- Make up days in case of inclement weather would be February 20 and 27, 2016.
- Block 1 will run from 9:00-10:25 am and Block 2 will run from 10:35 am –12:00 noon. Students attending both blocks will be supervised during the transition.
- Enrollment is limited so please register early.
- There are no refunds after the 2nd class.
- Enroll on line at https://www.eventbrite.com/e/super-stem-saturday-winter-2016-tickets-19138223943. There is an additional fee for registration.
- Super STEM Saturday teachers are not responsible for supervision of children after scheduled class time. **Please pick him/her up promptly at the end of class. A late fee of $25.00 for the first 10 minutes of lateness will be assessed.**
- A morning snack will be provided.
- Classes will be offered only if there is sufficient enrollment. You will be contacted by January 6, 2016 if the course you have selected is cancelled.

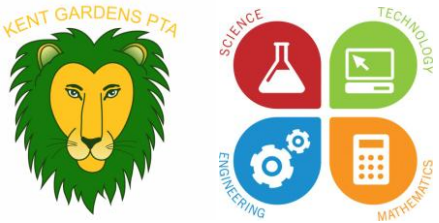
BLOCK 1 – 9:00 – 10:25 AM

Advanced Math
Math Enrichment will involve a variety of activities, including fine-tuning one's approach to problem solving, logic problem brain teasers, math puzzles, math games and teamwork.

Maximum: 25 **Gr. 4-6**
Saturdays, 9:00-10:25
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)

Code Studio
This course is designed to allow early readers to create computer programs that will help them learn to collaborate with others, develop problem-solving skills, and persist through difficult tasks. Students create their very own custom game or story.

Maximum: 25 **Gr. K-2**
Saturdays, 9:00-10:25
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)

Bristlebots Robotics
The Bristlebots system is used to promote Science, Technology, Engineering and Math using robotics and STEM principles. Students begin to learn the process of encountering problems with critical thinking, ingenuity, and innovative solutions. The Bristlebot is a toothbrush robot with movement generated by a vibrating cell phone motor.

Maximum: 25 **Gr. 3-4**
Saturdays, 9:00-10:25
Fee: $130.00; $ 120.00 early bird (by 12/18/2016)