

# CRES PTO Fall 2017-18

## After-School Enrichment Program (ASEP)

The PTO sponsored After-school Enrichment Fall 2017-18 Program is HERE! Please take a moment to read each class description. Then head on over to [www.pay4schoolstuff.com](http://www.pay4schoolstuff.com) (P4SS) today to sign-up! Limited space is available for each program. Classes are filled on a first come, first serve basis. All classes have a minimum enrollment, and may be cancelled if the required minimum is not met. \*\*P4SS will ask you to update your child's grade and select your child's teacher and the dismissal plan is required\*\*

### Class Descriptions



#### **Abrakadoodle Multi-Media Art Class**

**\$140**

8 Classes Minimum: 7 Students/Maximum: 15 Students Location: Classroom TBD Time: 2:45-3:45pm  
Grades K-5 / Tuesdays: 9/26; 10/3; 10/10; 10/17; 10/24; 10/31; (no class 11/7); 11/14; 11/21

The Abrakadoodle art experience engages children with multi-media art lessons that will inspire your child's imagination. In our Young Artists class children will learn to use a variety of tools and mediums which may include watercolors, tempera paint, oil pastels, air dry clay and more. Children will be introduced to master artists and explore various artistic styles. Students will create and bring home a new piece of artwork each week.



#### **Silver Knights Chess**

**\$132**

8 Classes Minimum: 10 Students/ Maximum: 56 Students Location: Classroom TBD Time: 2:45-3:45pm  
Grades K-5 / Tuesdays: 9/26; 10/3; 10/10; 10/17; 10/24; 10/31; (no class 11/7); 11/14; 11/21

Learn chess from a Silver Knights Chess coach! We teach more than 3,500 children each week. State and national champions have come from our programs, but most of our students are just looking to have fun! Class time is split between lesson and play. Lessons range from learning the rules to advanced tournament strategies, depending on the children. Play time is structured to pair each student against an opponent of similar skill. All grades and skill levels are welcome. Silver Knights will supply all the equipment during chess club. Students will have the opportunity to play in tournaments.



## Silver Knights Coding

**\$186**

8 Classes Minimum: 6 Students/ Maximum: 18 Students Location: Classroom TBD Time: 2:45-3:45pm  
**Grades K-5 / Thursdays: 9/28; 10/5; 10/12; 10/19; 10/26; 11/2; 11/9; 11/16**

In Coding Club, you will learn to code your own interactive animations, stories and games using Scratch. Scratch is a fun and creative way to learn programming skills and computational thinking. If you're new to programming, we will teach you the basics; if you're an experienced coder, we'll teach you more advanced concepts. When you're coding with Scratch, the only limit is your imagination! Scratch is designed and maintained by the Lifelong Kindergarten Group at the MIT Media Lab. What will you create?



## Ignite Kids Club LLC

### CRICKET

**\$155**

8 Classes Minimum: 10 Students/Maximum: 24 Students Location: Classroom: TBD Time: 2:45-3:45pm  
**Grades K-5 / Tuesdays: 9/26; 10/3; 10/10; 10/17; 10/24; 10/31; (no class 11/7); 11/14; 11/21**

(Class will meet at assigned classroom for attendance before going **outside**. Please dress in layers, wear athletic shoes, and bring water bottle. Inclement weather kids will stay in assigned classroom)

Ignite Sports Cricket is designed to teach the game in a safe and fun environment through fun agility drills, skill development, fitness games, and scrimmages! Each session helps build confidence in every participant while having a blast as a group! Classes/sessions are 45-60 minutes and taught using a non-competitive and FUN curriculum! Coaches will provide all equipment. Have children bring water and wear athletic attire.



## Ignite Kids Club LLC

### FLAG FOOTBALL

**\$155**

8 Classes Minimum: 10 Students/Maximum: 24 Students Location: Classroom TBD Time: 2:45-3:45pm  
**Grades 1-5 / Thursdays: 9/28; 10/5; 10/12; 10/19; 10/26; 11/2; 11/9; 11/16**

(Class will meet at assigned classroom for attendance before going **outside**. Please dress in layers, wear athletic shoes, and bring water bottle. Inclement weather kids will stay in assigned classroom)

Ignite Sports Flag Football is designed to teach the basics of the game in a safe environment through fun agility drills, route exercises, unique games and scrimmages! Each session helps build confidence, social skills, and fitness in every participant while having a blast as a group! Classes/sessions are 45-60 minutes. Coaches will provide all equipment. Have children bring water and wear athletic attire.



## USTA Mid-Atlantic Section

**\$136**

### TGA Premier Youth Tennis

8 Classes Minimum: 4 Students/Maximum: 20 Students Location: Classroom: TBD Time: 2:45-3:45pm

**Grades K-5 / Thursdays: 9/28; 10/5; 10/12; 10/19; 10/26; 11/2; 11/9; 11/16**

(Class will meet at assigned classroom for attendance before going **outside**. Please dress in layers, wear athletic shoes, and bring water bottle. Inclement weather kids will stay in assigned classroom)

The United States Tennis Association Mid-Atlantic Section (USTA MAS) proudly presents TGA Premier Youth Tennis, the first and only national tennis enrichment program in the country. Students will develop tennis skills utilizing kid-friendly equipment in a play-to-learn style that gets them rallying and having fun right away. In addition, students will learn relevant enrichment skills such as sportsmanship, math, science, technology, history, and more as they advance through our five-level program. All first time students receive a wristband, a hat, and a student handbook. Program is taught by USTA-trained coaches and all tennis equipment is provided. (This class will be outside, please dress in layers for the weather, athletic shoes and bring water bottle)



### Little Einstein Explorers

#### Robotics (Lego Robotics)

**\$150**

8 Classes Minimum: 12 Students/Maximum: 24 Students Location: Classroom TBD Time: 2:45-3:45pm

**Grades K-2 / Thursdays: 9/28; 10/5; 10/12; 10/19; 10/26; 11/2; 11/9; 11/16**

Lego Robotics (Gr: K-3) Enter the Adventure Zone! Do you dare write a program that wakes a sleeping giant? Build and program a plane to rescue people! Design and test patrol car! Students explore machines, robots and mechanisms by investigating gearing mechanisms and build motorized machines and robots. Some motorized machines use computer to control Lego® model behavior using various drag and drop programming functions.



### Little Einstein Explorers

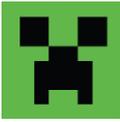
#### Robotics (EV3 Robot programming)

**\$150**

8 Classes Minimum: 12 Students/Maximum: 24 Students Location: Classroom TBD Time: 2:45-3:45pm

**Grades 3-5 / Thursdays: 9/28; 10/5; 10/12; 10/19; 10/26; 11/2; 11/9; 11/16**

EV3 programming (Gr: 3-5) Have fun programming your robot to take part in a fun battle bot challenge! Use engineering skills to design your robot and programming skills using sensors to face bots in a battle! Using simple to advanced programming on EV3 robots, students build, program, and test their solutions based on real-life robotics technology. To accomplish these tasks they design, build, test and iteratively evaluate; continuously enhancing their skills while attempting to solve interesting problems or improving robot performance. Experienced students will learn EV3 robot programming and students who are new to programming will learn programming on NXT Lego® Mindstorms®.

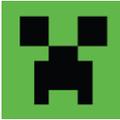


### Little Einstein Explorers

#### Minecraft (Adventure Map)

8 Classes      Minimum: 10 Students/Maximum: 14 Students      Location: Classroom TBD      Time: 2:45-3:45pm  
Grades K-2 / Tuesdays: 9/26; 10/3; 10/10; 10/17; 10/24; 10/31; (no class 11/7); 11/14; 11/21

Have you ever wondered what goes into making a Minecraft adventure map? Learn the skills necessary to make your very own adventure. Creating a playable map allows the student to develop their own story within Minecraft using skills already known and ones acquired in the class students will be exposed to storyline structure, texture pack design, and will be able to test their worlds in a fun environment!



### Little Einstein Explorers

#### Minecraft (Command Blocks)

8 Classes      Minimum: 10 Students/Maximum: 14 Students      Location: Classroom TBD      Time: 2:45-3:45pm  
Grades 3-5 / Tuesdays: 9/26; 10/3; 10/10; 10/17; 10/24; 10/31; (no class 11/7); 11/14; 11/21

Minecraft Command worlds in a fun environment! Blocks (Gr. 3-5) Is a video game really just a video game? Or can it be used as an engaging STEM tool? In this class students will be learning programming while playing Minecraft! Without syntax, students will be introduced to basic problem solving and algorithm structure to accomplish in game tasks, all while learning how to enhance their game play. Command blocks are very useful tools inside Minecraft that allow the player to create anything from simple custom mob generator to complex games.



### Drama Kids of Loudoun

#### Drama Kids

8 Classes      Minimum: 8 Students/Maximum: 25 Students      Location: Classroom TBD      Time: 2:45-3:45pm  
Grades 1-5 / Tuesdays: 9/27; 10/4; 10/10; 10/17; 10/24; 11/7; (no class 11/7); 11/14; 11/21

Drama Kids offers an exciting program for kids in Grades 1-5. Our enriching and time-tested curriculum is designed not only to teach acting skills, but also to build student confidence, encourage teamwork, and bolster public speaking skills. Each week, we work on skills like projection, articulation, improvisation, characterization, stage presence, etc. The kids will also get to perform skits in every class. Space is limited for the class. Enroll today to reserve your child's spot in this exciting and empowering program!

**Visit [www.pay4schoolstuff.com](http://www.pay4schoolstuff.com) now through Sept 19 @noon. Sign-up now!!**

**NO Cash or Checks will be accepted.**

Refunds (pro-rated) will **only** be issued through the first week of the class.

Refunds will be by check and will be left at front office for pickup.

Only one snow day is planned, Tuesday 11/28 and Thursday 11/30.

Instructors will request ID at time of pickup and all children will need to be signed out.

Any questions or concerns? Please contact Amy Riviello at [vp@cardinalridgepto.org](mailto:vp@cardinalridgepto.org) or Ron Weber at [president@cardinalridgepto.org](mailto:president@cardinalridgepto.org)