

Play & Learn

after school program

FALL 2017



Welcome to the Fall Session of Play & Learn - where children learn about exciting topics all while playing and having fun!

Session Dates & Times

Session 1: (week of 9/11 - 10/9)

3:45 - 4:45 p.m.

Mondays, Wednesdays & Thursdays (no class: Monday 10/9)

Session 2: (week of 10/16 -11/13)

3:45 - 4:45 p.m.

Mondays, Wednesdays & Thursdays

Sign- up begins at Orientation

Make sure to visit our table

Registration for Session 1 ends **September 5th**

Registration for Session 2 ends **October 6th**

Questions? Email : afterschool@stjamessschoolah.org

CLASS OFFERINGS

Mondays

LET'S BUILD IT ROBOTICS – GEARS AND GIZMOS!

Grades: 1-8

Design and build your own robots! Your child will explore the field of robotics through a series of exciting and dynamic lessons. Students will learn about mechanical engineering as they construct and use robots to complete tasks and engage in competitions. A variety of topics will be covered including gear ratios, electricity, rotation, friction, force, transmitters and LEDs. This course gives students the opportunity to experience the captivating world of robotics in an inviting and fun environment.

Session 1: Mondays **Min 6/ Max 20** **# of classes: 4** (no class 10/9) **Fee \$ 60**

LET'S BUILD IT- EXCITING ELECTRONICS

Grades: 1-8

Exciting Electronics! is an exhilarating, cutting-edge area of engineering. In this unit, students will design, build, and test various circuits and electronic projects. Instructors will guide students through core concepts of electrical engineering, introducing them to circuits and electrical components. Students will use hands-on projects and experiments to explore how electricity is part of our daily lives.

Session 2: Mondays **Min 6/ Max 20** **# of classes: 5** **Fee \$ 75**

STICKY FINGERS COOKING

Grades: K-5

This class offers young chefs the chance to explore exciting tastes (all seasonal and as local as possible), master culinary skills (that they can put to use in family kitchens) and nourish their bodies and minds. Features a healthy recipe, emphasize safety and skill building. Progressively, children will build upon skills learned from previous classes and by the end of the session, they will have acquired a repertoire of talent to help you at home in the kitchen!

We provide all of the tools, ingredients and instruction needed to cook up a fun, delicious and healthy (sssh!) snack each week. Our online recipe collection is included as well for each chef for future family cooking fun!

All recipes are nut-free and vegetarian.

Session 1: Mondays **Min 8 / Max 12** **# of classes: 4** (no class on 10/9) **Fee \$ 80**
Session 2: Mondays **Min 8 / Max 12** **# of classes: 5** **Fee \$ 100**

CLASS OFFERINGS

Wednesdays

MONART

Grades: K-8th

For aspiring artists, this class is a masterpiece! The **MONART** drawing method creates a comfortable and nurturing atmosphere where students can experience the magic and joy of artistic expression through realistic drawing. This class provides enough structure to be successful and enough freedom to be creative.

Session 1: Wednesdays

Min 5/ Max 20

of classes: 5

Fee \$ 75

Session 2: Wednesdays

Min 5/ Max 20

of classes: 5

Fee \$ 75

CHESS CLUB

Grades: K-8

No previous knowledge of chess is necessary. Each class will consist of a fun interactive teaching period and guided practice time. Both new and returning students are welcome. There will also be a chess competition with prizes towards the end of the session. Each first-time participant will receive a gift chess set to take home.

Session 1: Wednesdays

Min 5/ Max 20

of classes: 5

Fee \$ 75

Session 2: Wednesdays

Min 5/ Max 20

of classes: 5

Fee \$ 75

AMAZING MINDS

Grades: K-2

Come on an incredible journey after school where instructors will help sharpen your skills in math, science, geography, language arts and reading through fun, hands-on thematic based activities. Science will come alive through our exploration of rocks & minerals, flight, weather, health and safety, computers; explore math learning about money, geometry and shapes; grab your teacher's hand and travel to China, Ancient Egypt, Italy, Washington DC or Australia to name just a few. Go to the head of the class in reading because of our hands-on reading games involving the animal kingdom, ocean creatures and even the Preamble to the Constitution! (Build rock collections, excavate Ancient Egyptian tombs, or shop in a simulated grocery store. Dissect owl pellets, wear prism glasses, and make raisins bounce! Come and exercise your brain with us after school!

Session 1: Wednesdays

Min 6 / Max 12

of classes: 5

Fee \$ 75

Session 2: Wednesdays

Min 6 / Max 12

of classes: 5

Fee \$ 75

CLASS OFFERINGS

Thursdays

CRIBBAGE

Grades: 3-8

The historic card game of Cribbage is fast-paced and can be played by two people in about 20 minutes. It involves grouping cards into pairs, straights, flushes and combinations that add up to 15. The fun part is figuring out which cards to keep and which to throw away, similar to gin rummy. What adds to the enjoyment of the game is that you also play the cards against your opponent. It is a fascinating game that is easy to learn, but still requires decisions and strategy to keep it challenging.

The course will be coordinated by an experienced cribbage player who travels across the country to play in tournaments.

Note: Cribbage board is needed. A nominal fee of \$10 is due at the first class.

Session 2: Thursdays

Min 3/ Max 10 # of classes: 5

Fee: \$ 0

LET'S CODE IT – THE DIGITAL DIMENSION

Grades: 1-8

This course will immerse students in the world of computer programming. Your child will have the opportunity to design games, explore animation, and combine music and art with coding. This class uses the block-based programming system Scratch, which was developed by the MIT Media Lab to teach programming concepts. Topics covered include event handling, coordinates, conditional statements, user interface design, variables, logic statements, and synchronization. In addition to teaching programming skills, this course will also nurture students' creativity and problem-solving skills.

Session 1: Thursdays

Min 6/ Max 10 # of classes: 5

Fee: \$75

LET'S CODE IT – KOOL KATZ

Grades: 1-8

Your child will have a blast in this exciting new STEM program. Our innovative approach to coding is sure to spark your child's interest in computer science. The fun-filled curriculum stresses critical thinking, creativity, confidence, teamwork, and problem-solving skills to prepare them for the 21st century and beyond. Class topics include video game design, loops, control structure, conditional expressions, control statements, object-oriented design concepts, data structures and variables, and mathematical expressions. These classes use the block-based programming system Scratch, which was developed by the MIT Media Lab to teach programming concepts.

Session 2: Thursdays

Min 6/ Max 10 # of classes: 5

Fee: \$75

CLASS OFFERINGS

Thursdays (cont.)

CLAY CREATIONS

Grades: 1- 8th

Bring your imagination ~. Each class students will create a special clay project to bring home. Materials are nontoxic and easily washable. All pieces are glazed and fired to a food safe temperature. Pieces will be wrapped, bagged, labeled and delivered to the school for your convenience.

Session #1 projects:

1. **Animal/ Pet bowls** - whether they're for your furry friends or for you, these bowls spring to life with their own legs, paws, tails and décor.
2. **Food plate**- Do you have a favorite food? Do you wish you had a themed plate for said food? Well wish no more with this popular clay project.
3. **Paint day** - we bring the clay to life with different glazing and painting techniques.
4. **Halloween snack plates**- Let's get ready for the scariest holiday of them all with a fun snack plate themed to Halloween.
5. **Halloween snack plate continued** -Painting and glazing day!

Session #2 projects:

1. **Donut Dish**- Let your sweet tooth lead you through this delightful dish inspired by everyone's favorite morning sweet treat.
2. **Leaf Votive**-A perfect fall accent piece. We will be using actual leaves to help create unique autumn designs.
3. **Paint Day** -In this class we bring the clay to life with different glazing and painting techniques.
4. **Snowman Mugs** A fantastic and fun clay project giving you the perfect hot chocolate mug for the upcoming winter season.
5. **Snowman Mug continued**- Painting and glazing day!

Session 1: Thursdays

Min 6/ Max 16 # of classes: 5

Fee \$ 100

Session 2: Thursdays

Min 6/ Max 16 # of classes: 5

Fee \$ 100