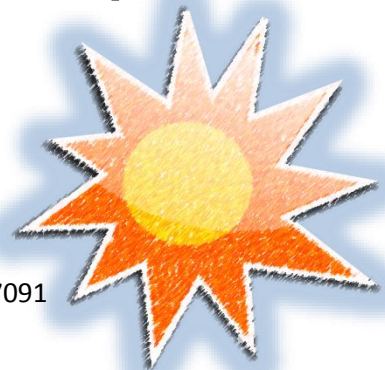


Summer program at St. Clare Parish open to public!

All applications and payments are to be addressed to Gerri Smith
St. Clare's Rectory, 110 Nelson Avenue, Staten Island, New York 10308
Contact information: Gerri Smith (Office Manager) – 718-984-7873
Gsmith@stclaresi.com

Camp programs to be held at:
St. Clare's School, 151 Lindenwood Road, Staten Island, New York 10308
Contact information: Mrs. Mary Lee (Science teacher, program coordinator) – 718-984-7091
Mlee@stclaresi.com



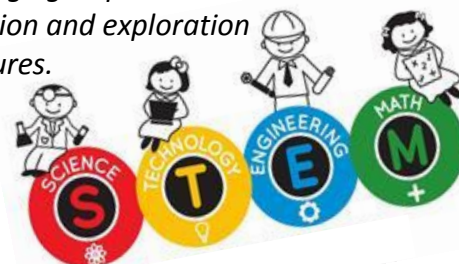
Summer STEM Adventures 2017

These programs below will be offered to students who will be entering PreK 4 through Grade 8 in September.

Each week will involve a NEW adventure for each age group!

Tasks and materials will allow for different levels of expression and exploration during problem-solving STEM based adventures.

- Week 1**— June 26-June 30 (9 a.m.-noon)
Week 2— July 3,5,6,7 (four-day mini week, 9 a.m.-noon)
Week 3— July 10-July 14 (9 a.m.-noon)



Cost per child: \$125 for each full week; \$100 for mini week; \$325 for all three weeks (\$25 savings)
Shirts cost \$10 but is free if fees are paid in full by May 12 (\$10 savings)
*Balance is due June 16.

Lego Explorers (Pre K 4-Grade 3)

Groupings (using the grade level of child in SEPT)



- **PreK-4, Kindergarten and Grade 1** – Each week the children will go on a new adventure using Magic School Bus videos and other resources as a springboard. During this thematic adventure, the children will explore and express the content in different ways (via art, writing, and especially LEGOs!) A big focus will be on free-style building, cooperative play and problem-solving. The children will do some computer work, watch videos or look at books related to the content. They will do some supplemental activities and art projects and play related games. The day will include some breaks so the children can enjoy a nut-free snack and drink they are to bring with them.
- **Grades 2-3** – The children will also be involved in similar adventures and activities as the younger group and may even be intermeshed with them at times. But they will be in a different build room where they will be introduced to more advanced challenges related to the content. They will also have access to more technical kits such as motorized and non-motorized kits and WeDo 1.0 building and programming kits.

Lego Robotics (Grades 4-8)

Groupings (using the grade level of child in SEPT)



- **Grades 4-8** – The children will be immersed in the world of robotics using NXT and EV3 building kits and Mindstorms programming software. Each week the children will be exposed to a different theme and game board (from past FIRST LEGO League challenges) where they will try to solve as many challenges as possible using different attachments, motors, sensors. Educational content on the challenge will also be infused in the sessions as well as team-building activities with a break for a Peanut free snack and drink brought in by the children. **Note on groupings** – Students from grades 5-8 will be grouped by ability. The students in Grade 4 will be grouped together so they can also work with WeDo 2.0 kits and challenges related to the theme.

MORE INFORMATION

GROUPING and COLOR-CODED SHIRTS - We will have three main groups as noted on the cover and the colors of the T-shirts will match the grouping. We ask that children wear the T-shirt each day or a comparable colored shirt if it needs washing. Extra t-shirts can be purchased if interested.

STAFFING - We will have state certified teachers from the school running the different activities. We also have parent aides and older mentors on staff (mostly HS and college age) to help oversee the groups and assist the teachers.

FACILITY USAGE - We will utilize the Science lab, art room, computer room and some additional classrooms. We have snack in the cafeteria. We may sometimes use the outdoor school yard for activities.

PHOTOS and VIDEOS - We will post an array of pictures and videos of their children during the week on website unless a parent does not wish this feature. This allows parents a sneak peek at the children during the program and may spark conversation between the children and parents as to all they are doing and learning.

SNACKS - Children are to bring their own peanut-free snack and drink each day and we will make certain that those with food allergies will be at a separate table together.

ARRIVAL and DISMISSAL - Entry will be through the cafeteria doors and release will be at the Science lab door at back of the Hicks Center. Both are in the main school yard down the driveway off Lindenwood Road. No cars will be permitted to drive into the area for safety reasons. Parents should park on the street and walk children in to the camp on the Monday of each week for check in. The rest of the week, we will have staff out at the front of the school for those who wish to drop children off and have our staff walk the children in. This is optional. You will always be still permitted to walk them in if you prefer to do that.

WEEKLY FINALES - Each Friday (weather permitting) we end the week with a water balloon toss. Allergy free ice pops given to all youngsters there.

BACKGROUND ON ST. CLARE ROBOTICS – St. Clare School traditionally produces very strong robotics teams and its talented past members as well as the teachers/coaches will staff the camp. This year, the St. Clare Transformers won it fourth New York City FIRST LEGO League Champions Award since the robotics program was started in 2003. The team is heading to St. Louis for the World Championship at the end of April. It also has a Junior FLL program and a Minor Robotics intramural program. The success of the program is related to its years of development and experience as well as its peer-mentoring component which will be incorporated into this summer experience.

Save this sheet for your own records.

Return only the registration form with payment/deposit.

Gerri Smith in Rectory will handle registration.



St. Clare Summer STEM Adventures 2017

Lego Explorers and Lego Robotics

Registration Form – Detach from Information Sheet. Please fill out BOTH sides.
Return to Gerri Smith in the Rectory with deposit no later than June 2 to reserve a spot.

SIDE 1

Family Information

Name of Child #1 _____ Grade in SEPT _____

Name of Child # 2 _____ Grade in SEPT _____

Name of Child # 3 _____ Grade in SEPT _____

Mother's name _____

Phone: Cell _____ Work _____

Email _____

Father's name _____

Phone: Cell _____ Work _____

Email _____

Home Address _____

City _____ State _____ Zip code _____

Home phone _____

*****Email is necessary to receive all updates and correspondences.**

Emergency contact(s) – name, relationship, phone (need at least one)

Special concerns (*health issues, food allergies, special medications such as EpiPen, personal concerns*)

Does/do your child(ren) have permission to be photographed? (Check) Yes _____ No _____

Parent Signature _____

Date Submitted _____

OFFICIAL USE: Date Received by Gerri Smith (date and initial) _____

Calculation of registration and program fees

**Early Bird Special – extra shirt provided for children whose families have paid in full by May 12.*

Name of Child 1 _____ **Grade (in September)** _____

Weeks enrolling (Check): June 26-June 30 _____ July 3,5,6,7 (mini-week) _____ July 10-14 _____

Calculate Fees:

LINE 1 -\$125 for each full week; \$100 for mini week; \$325 for three weeks \$ _____

LINE 2 – \$10 for shirt (free if paying fees in full by May 12) \$ _____

LINE 3 - Additional shirts – optional (\$10 per shirt) – Number of additional shirts _____ \$ _____

TOTAL for Child #1 – Add LINES 1, 2 and 3 \$ _____

T-shirt size (circle): Youth Extra Small Youth Small Youth M Youth Large Youth XL
Adult Small Adult Medium Adult Large Adult XL Other _____

Name of Child # 2 _____ **Grade (in September)** _____

Weeks enrolling (Check): June 26-June 30 _____ July 3,5,6,7 (mini-week) _____ July 10-14 _____

Calculate Fees:

LINE 1 -\$125 for each full week; \$100 for mini week; \$325 for three weeks \$ _____

LINE 2 – \$10 for shirt (free if paying fees in full by May 12) \$ _____

LINE 3 - Additional shirts – optional (\$10 per shirt) – Number of additional shirts _____ \$ _____

TOTAL for Child #2 – Add LINES 1, 2 and 3 \$ _____

T-shirt size (circle): Youth Extra Small Youth Small Youth M Youth Large Youth XL
Adult Small Adult Medium Adult Large Adult XL Other _____

Name of Child # 3 _____ **Grade (in September)** _____

Weeks enrolling (Check): June 26-June 30 _____ July 3,5,6,7 (mini-week) _____ July 10-14 _____

Calculate Fees:

LINE 1 -\$125 for each full week; \$100 for mini week; \$325 for three weeks \$ _____

LINE 2 – \$10 for shirt (free if paying fees in full by May 12) \$ _____

LINE 3 - Additional shirts – optional (\$10 per shirt) – Number of additional shirts _____ \$ _____

TOTAL for Child #3 – Add LINES 1, 2 and 3 \$ _____

T-shirt size (circle): Youth Extra Small Youth Small Youth M Youth Large Youth XL
Adult Small Adult Medium Adult Large Adult XL Other _____

SUMMARY

Total charges for all children *(Sum of all totals)* \$ _____

Amount Enclosed \$ _____

(Please include non-refundable deposit of \$50 per child towards programs fees)

Balance \$ _____

(Please subtract amount enclosed from the total charges; this balance is due June 17)

IMPORTANT -- PAYMENT INSTRUCTIONS

Please fill out both sides (Pages 1 and 2) of the Registration Form and enclose in envelope with payment.

All checks should be made payable to St. Clare Church. Address it to: St. Clare Rectory, 110 Nelson Avenue, Staten Island, New York 10308. Attn: Gerri Smith, St. Clare Summer STEM Adventures 2017