



STREAM at St. Christopher School!

Innovation, exploration & authentication
utilizing a multidisciplinary integrated curriculum!

St. Christopher School is excited to be a part of the
STREAM initiative with the
Diocese of Buffalo's Department of Catholic Education!

<https://www.wnycatholicschools.org/stream>

S = Science

T = Technology

R = Religion

E = Engineering

A = Arts

M = Mathematics

STREAM SPROUTS: Exploring Creation Grades Pre-K - 1



Build a foundation for the love of our natural world.

Students explore nature in and outside the classroom. Activities include weather patterns, growing plants, investigating insects, and studying animals and their habitats.

Activities are based upon the creation story in Genesis Chapter One and include:

21st Century Skills
Hands - on
Investigation
Discovery

Come share and explore the wonder of creation with this STREAM Academy!

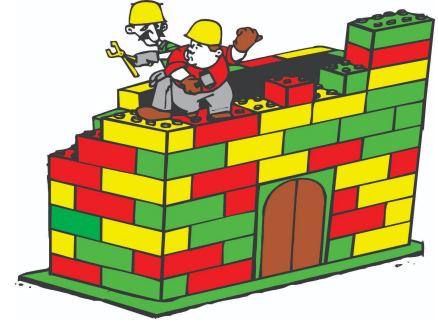




LEGO U

FUN with a Purpose!

Grades Pre- K - 2



Ready, set, build! Student's imaginations run wild while designing and building with a purpose. This STREAM Academy provides an engaging, playful learning experience for our youngest learners. Students work cooperatively to design, build and test engineering principles while having buckets of FUN!

Each week students undertake a design challenge connected to topics taught at the primary level in ELA, Science, S.S., Religion, or Math utilizing LEGO* bricks. They have time at the end of each session to present and share, practicing and strengthening their communication skills. Fun with a purpose! Come join us!



PEAP! Primary Engineering Adventure Program



Grades 1 - 3

Incorporating the Engineering Design Process students strive to meet the needs of their favorite story characters!

Students generate ideas, build, and test solutions collaboratively to help their favorite literature friends solve a problem.

Kitchen CHEM:

Back at it! Grades 2-4



Join all the learning and fun of hands - on kitchen science as mini “CHOPPED” competitions engage students in the creative aspect of food preparation!

The chemistry, biology, and simple life science exploration will be emphasized throughout this course.

In December, St. Christopher School participates in the X-STREAM Games and Expo where creative food preparations are showcased and the competition heats up!



ARCADE ACADEMY! A Home Run!

Grades K - 8

Based on "Caine's Arcade," this course invites students to design and build fun and engaging arcade games made from cardboard, recycled materials and imagination.

The games are then shared with the school community to help raise awareness and funds for a charity of their choice.



ARCADE



Future City Competition!

Grades 6-8

A national, project-based learning experience where students imagine, design and build cities of the future.

Working as a team with an educator/engineer mentor students are asked to utilize the engineering design process;

Identify problems
Brainstorm ideas
Design solutions
Test
Retest

To build a tabletop scale model of a city using Sim City™ software and recycled materials.

Students present their research and designs to a panel of judges at regional competition in January.