

Holy Cross of San Antonio
STREAM
Application Packet

The Holy Cross STREAM (Science, Technology, Engineering, Arts, and Mathematics) Program's mission is to prepare young women and men for positions of leadership and responsibility in the college majors and careers of their choosing. In accordance with this mission, the 2016-2017 school year will welcome STREAM students in the 6th and 9th grades who, if successful in the program, will go on to graduate from Holy Cross having completed a rigorous program of study goes beyond the scope of any STEM program available elsewhere.

Parental involvement will be a key factor of a STREAM student's success and will, therefore, be a contributing factor in the admission and retention of a student in the program. In return, parents should expect a rigorous but rewarding experience for the whole family.

STREAM students will need their parents to provide a lot of encouragement for their success and opportunities for growth. Parents can expect that Holy Cross of San Antonio will provide all resources available to it for STREAM students' successful learning. However, parents will need to stay in constant contact with their student(s) concerning the goings on in their classrooms. Though it will be a difficult academic experience, parents can expect success if they are personally involved in their child's STREAM journey. Therefore, parents should plan on attending all parent-teacher conferences and evening programs associated with the STREAM program. The STREAM admissions and retention committee will take parental involvement so seriously that it will consider dropping a student from the STREAM program if their parent or guardian fails to attend these events.

Working with both committed students and committed parents, we will make the Holy Cross STREAM students the best ones in the city.

Please complete/acquire all application pieces and submit to either Mr. Gutierrez or Mr. Vasquez in the Holy Cross Main Office by May 31, 2016.

Thank you for your interest in the Holy Cross STREAM Program.

Holy Cross of San Antonio

STREAM

Program Information

Mission:

In the Moreau tradition of education, Holy Cross will prepare young women and men, through STREAM, for positions of leadership and responsibility.

Overarching Goals:

1. To prepare Holy Cross students for college majors and subsequent careers in science and math laden industries.
2. To prepare students to use their Christian identity to solve problems paying close attention to contributing to the social good and employing social justice in all aspects of the problem solving process.

Student Commitment:

1. To be a model Holy Cross student living by the ideals described by the Holy Cross Code.
2. Maintain a cumulative GPA of 3.2 or above throughout their participation in the program.
3. Take the SAT at the end of the 11th grade year.
4. Complete an internship during the summer between their 11th and 12th grade years.
5. Commit to the sequence of courses in the STREAM program.

Parent Commitment:

1. Attend all parent-teacher conferences.
2. Attend all evening programs associated with the STREAM program.
3. Encourage all STREAM students and the STREAM program on to success.

Application Pieces:

1. Application form.
2. Copy of most recent report card.
3. Letter of recommendation from current math and science teachers.
4. Copy of either ITBS or STARR test results.
5. Holy Cross Math Placement Test Score (administered by Holy Cross).
6. Successful completion of student interview.

*All application pieces must be turned in together to either Mr. Gutierrez or Mr. Vasquez by May 31st in order for the applicant family to be considered for admission into the program.

Sequence of Courses:

Starting at 6th Grade

6th Grade

STREAM Honors Math 6
STREAM Honors General Science
Honors World Cultures
Honors English 6
Honors Literary Composition
STREAM Honors Theology
STREAM Choir

7th Grade

STREAM Honors Pre- Algebra
STREAM Honors Life Science
Honors Texas History
Honors English 7
Honors Literary Composition
STREAM Honors Theology
PE/Lego Robotics – Engineering
Concepts

8th Grade

STREAM Honors Algebra I*
STREAM Honors Biology*
Honors World History
Honors English 8
STREAM Honors Theology
Spanish I*
PE/ Lego Robotics – Engineering
Concepts

***Denotes High School Credit**

9th Grade

STREAM Honors Algebra II and
Engineering Concepts
STREAM Anatomy and Physiology
Honors World Geography
STREAM Honors Theology
Honors English I
Spanish II
PE

10th Grade

STREAM Honors Geometry and
Logic
STREAM Honors Chemistry
STREAM honors Theology
Honors English II
AP World History
STREAM Honors Fine Arts
STREAM Elective (Engineering
Design)

11th Grade

STREAM Honors Pre-Calculus
STREAM AP Physics
AP English III or
Dual Credit English III
STREAM Honors Theology
AP US History
STREAM Elective – Robotics and
Automation (Programming)

**Summer of 11th Grade year – 30
hour Internship opportunity**

12th Grade

STREAM AP Calculus
AP English IV or
Dual Credit English IV
AP Government and Economics or
Dual Credit Government and
Economics
AP Biology
STREAM Campus Ministry or
STREAM Theology IV
STREAM Elective – Engineering
Math
STREAM Capstone

Starting at 9th Grade

9th Grade

STREAM Honors Algebra I and
Engineering Concepts
STREAM Biology
Honors World Geography
STREAM Honors Theology
Honors English I
STREAM Honors Fine Arts
PE

10th Grade

STREAM Honors Algebra II
STREAM Honors Chemistry
STREAM Honors Theology
Honors English II
AP World History
Spanish I
STREAM Elective (Engineering Design)

**Summer of 10th Grade year – Geometry
and Logic summer course**

11th Grade

STREAM Honors Pre-Calculus
STREAM AP Physics
AP English III or
Dual Credit English III
STREAM Honors Theology
AP US History
Spanish II
STREAM Elective – Robotics and
Automation (Programming)

**Summer of 11th Grade year – 30 hour
Internship opportunity**

12th Grade

STREAM AP Calculus
AP English IV or
Dual Credit English IV
AP Government and Economics or Dual
Credit Government and Economics
STREAM AP Biology
STREAM Campus Ministry or STREAM
Theology IV
STREAM Elective – Engineering Math
STREAM Capstone

Holy Cross of San Antonio
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Application Form

Name: _____ Grade: _____

Address: _____ City/State: _____ DOB: _____

Email address: _____

Current School: _____

Mother's Name: _____

Mother's Cell Phone: _____

Mother's Email Address: _____

Father's Name: _____

Father's Cell Phone: _____

Father's Email Address: _____

Student: On a separate page, please explain why you would be a good candidate for the Holy Cross STREAM Program. Please consider how well you performed in your math and science classes last year in your response. (Your response should be type-written for easy reading.)

Parents: On a separate page, please describe the reasons you feel your family would be an excellent candidate for the Holy Cross STREAM Program. Please include any academic successes your child has achieved, your evaluation of your child's level of commitment and work ethic, and the level of commitment you, as parents, are willing to make for your child's success. (Your response should be type-written for easy reading.)

We, parents and student referred to above, have read all of the commitment criteria and other information as outlined on the Program Information Sheet. We also understand that our application will not be considered until all application pieces are received.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____