



Prospective Student Open House

Accepting students going into grades 6-10.



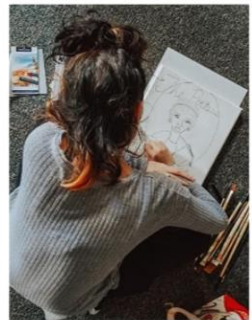
Agenda for the Evening

- **5:00-5:20** Introduction
- **5:20-6:30** Middle School and High School Breakout Sessions
- **6:30-6:45** Optional Programs for Students with Exceptionalities (PSE) and Student Services Drop-In



History of SciTech

- STEM Magnet School
- Opened in 2009 with grades 6-9
 - One grade added per year, August 2012 reached full capacity
- Collaborative effort – CMU/Pitt/PPS/Local Partners/US Steel





Mission and Vision of SciTech

- The mission of Pittsburgh Science and Technology Academy is to provide daily opportunities for students to...

Dream, Discover and Design

- We believe that all students can succeed in advanced STEM coursework *with the right amount of time and support*



What Makes SciTech Unique?

School Design (examples)

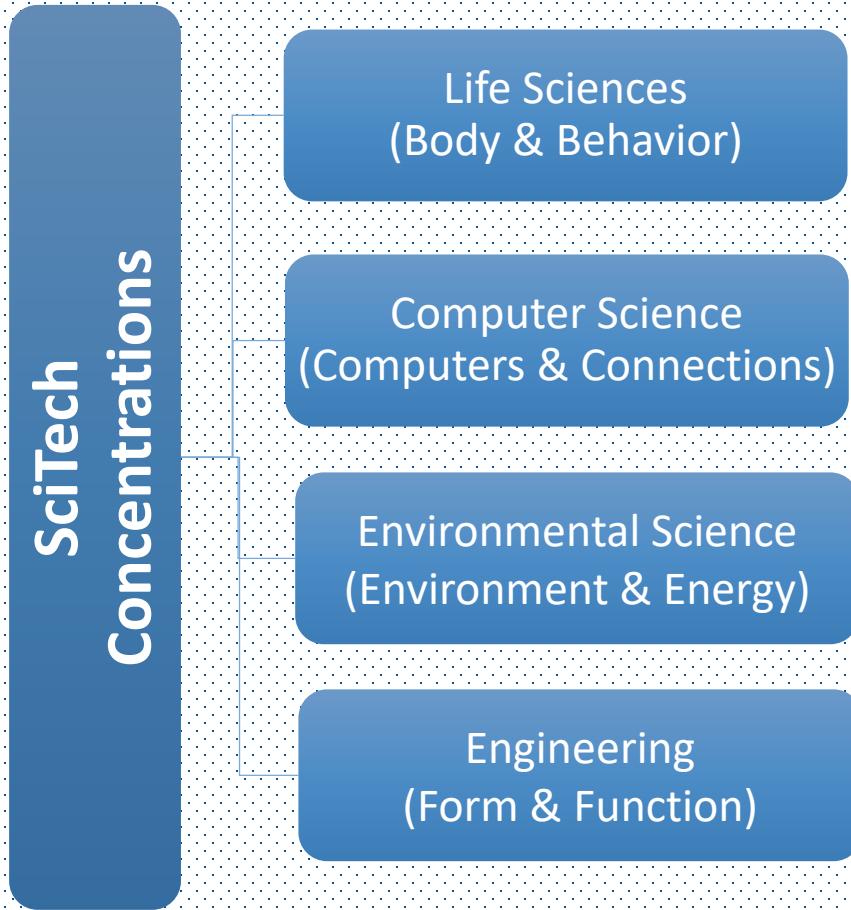
- Innovative scheduling
- Unique 4th period
- Post-secondary planning and support
- Technology integration
- Staff professional development
- School facility and location
- Flexible graduation timelines and unique honors diploma

Focus on STEM education



STEM Focused Concentrations

Grades 10-11



- Series of 8 courses unique to SciTech
- Students are introduced to skills and ideas that are usually reserved for college.





Executive Experience Grade 12

Collaborative, Field-Based Project with a Partner in Academia or Industry

ACADEMIC

- Research
- Writing
- Presentation
- Specific Content
- Problem Solving

PROFESSIONAL

- Communication
- Collaboration
- Commitment
- Responsibility
- Time Management





Weekly Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
Arrival: 7:11-7:31	Arrival: 7:11-7:31	Arrival: 7:11-7:31	Arrival: 7:11-7:31	Arrival: 7:11-7:31
Period 1: 80 minutes	Period 1: 80 minutes	Period 1: 66 minutes	Period 1: 80 minutes	Period 1: 80 minutes
Period 2/3: 85 minutes	Period 2/3: 85 minutes	Period 2/3: 71 minutes	Period 2/3: 85 minutes	Period 2/3: 85 minutes
Period 4: 50 minutes ACTIVITY	Period 4: 50 minutes ACTIVITY	Period 4: 40 minutes ADVISORY	Period 4: 50 minutes ACTIVITY	Period 4: 50 minutes ACTIVITY
Period 5: 80 minutes	Period 5: 80 minutes	Period 5: 68 minutes	Period 5: 80 minutes	Period 5: 80 minutes
Period 6: 80 minutes	Period 6: 80 minutes	Period 6: 68 minutes	Period 6: 80 minutes	Period 6: 80 minutes
Dismissal: 2:46pm	Dismissal: 2:46pm	Dismissal: 1:46pm	Dismissal: 2:46pm	Dismissal: 2:46pm



Clubs, Activities, Sports

- Gender and Sexuality Alliance (GSA)
- Black Student Union (BSU)
- Feminist Student Union (FSU)
- Bots IQ
- Interact Club
- Mock Trial
- Sports- anything at Obama
- Activity Period: Guitar Club, Cooking Club, Games Club, Movie Club, etc.



Transportation

- Grades 6-8
 - Yellow Buses
- Grades 9-12
 - PAT Buses



Who Should Attend SciTech?

Anyone that is interested in science and technology may apply to SciTech.

The program is designed to serve motivated students with **interest in science or technology, no matter their current academic level.**





What's Next?

In the chat is a document with the links for the breakout sessions.

- **High School-** Stay here.
- **Middle School-** Open the document in the chat and select the second link.
- **PSE/Student Services Q&A Drop In-** This will **begin at 6:30** and the link is in the document that is in the chat.

Activity and Advisory Period

MARCUS, IMANI, ANYSSA, NICOLETTE



Activity

Monday/Tuesday

Thursday/Friday

- You will have a different one for Monday/ Tuesday
- Meaning two different activities/clubs a week

Support

- Receive help on assignments and homework
- One for each subject
- Teachers change



Activities

6th grade: Middle school boot camp for the first quarter

- Get to know SciTech and teachers
- Learn the technology
- Receive any help that you need

Games

- Card or board

Art

- Digital or drawing; just let the creative juices flow

Music

- Digital; maybe even use the studio

Gym

- Play basketball or run around and blow off steam



Advisory

Every Wednesday

Same Advisor for whole middle school career

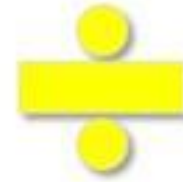
Review Grades

Get any work done that needs done



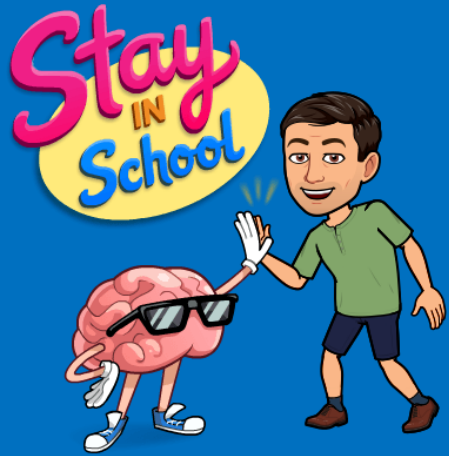
Middle School

Math



Pittsburgh Science and Technology Academy

Our middle school teachers loop through all 3 years of middle school with our students.



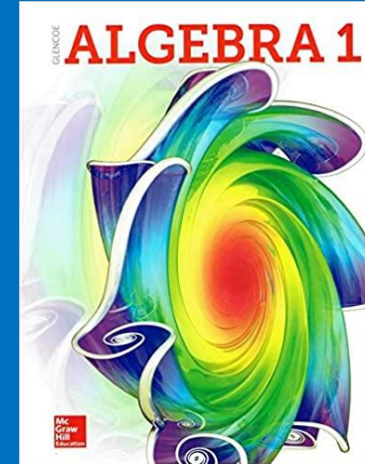
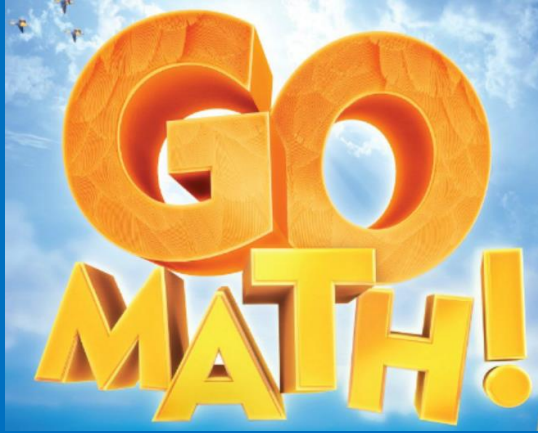
Mr. Luke D'Amico- 6th grade

Mrs. Cristina Perris- 7th grade

Mrs. Katherine Blandino-Nienhuis- 8th grade



Advanced Go Math! Curriculum and the McGraw Hill Algebra 1 Curriculum



In grades 6 and 7 we use the Advanced Go Math curriculum to move at an accelerated pace. The 6th grade math class is a Math 6/7 Combo and the 7th grade math class is a Math 7/8 Combo.

In 6th grade the students will complete the 6th grade curriculum and begin the 7th grade curriculum

In 7th grade the students will complete the 7th grade curriculum and begin the 8th grade curriculum

After 7th grade students' grades, test scores and performance on a placement test are analyzed and students take one of three options for their 8th grade year

Option 1: 8th grade Go Math! Curriculum

Option 2: Enhanced Algebra 1 (year long course)

Option 3: Semester Algebra 1 and Semester Geometry

SciTech Middle School Math incorporates the use of technology into our classrooms by using a variety of online programs:



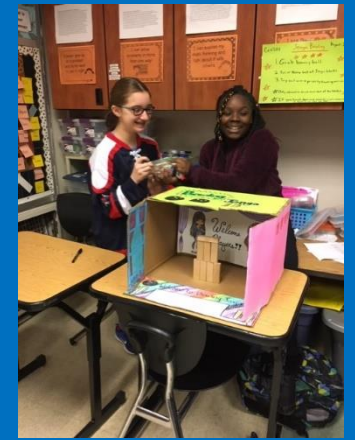
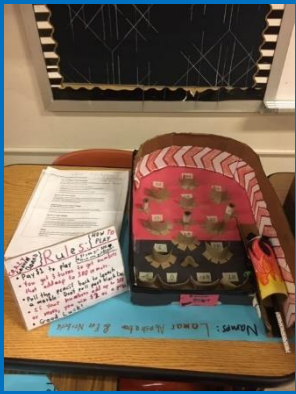
Schoology
Study Island
Desmos



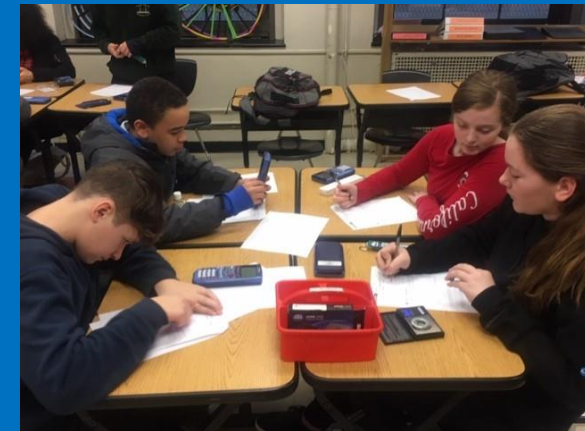
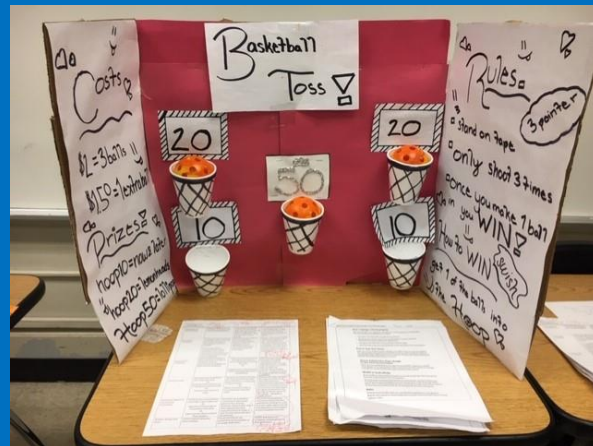
GeoGebra

Geogebra
Khan Academy





The Middle School curriculum includes exploratory learning and projects. Also the Kangaroo math program is offered Activity period



PITTSBURGH SCIENCE &
TECHNOLOGY ACADEMY

MIDDLE SCHOOL SCIENCE



CURRICULUM

- Integrated Curriculum Framework
 - Students receive Life, Physical, and Earth science each year in the middle school
 - Science in the MS is hands-on, project-based learning with student-designed instruction. Virtual activities provide enrichment
- Science Fair
 - Science Fair is required at SciTech all 3 years of middle school
 - Allows students to develop a project based on their own interests and work through the science and engineering standards.

Grade	Life Science	Physical Science	Earth Science
6	Ecosystems & Their Interactions	Energy, Forces, and Motion	Weather & Climate Systems
7	Structure & Function	Chemical Basis of Life	Earth's Dynamic Systems
8	Genes & Molecular Machines	Electricity, Waves, & Information Transfer	Space Systems



HUMANITIES IN MIDDLE SCHOOL

Pittsburgh Science and Technology Academy

Courses Taught



COMMUNICATIONS 6
GEOGRAPHY 6



COMMUNICATIONS 7
WORLD HISTORY 7



COMMUNICATIONS 8
US HISTORY 8

Communications

- Taught Quarters 1, 2, 3
- Use myPerspectives ELA 6-12 curriculum
- Reading, Writing, Listening, Speaking
- Assessed using NWEA MAPS Assessments and Selection tests for readings
- Study Island

Social Studies

- Taught Quarter 4
- Accelerated program to teach during single quarter
- 6th grade – World Geography
- 7th Grade – Ancient World History
- 8th Grade – Early US History

Social Studies

- Taught Quarter 4
- Accelerated program to teach during single quarter
- 6th grade – World Geography
- 7th Grade – Ancient World History
- 8th Grade – Early US History

Teachers



MR. SCHOY
CURRENT GRADE 8



MR. EDWARDS
CURRENT GRADE 7



MRS. KUPEC
CURRENT GRADE 6

Students have the same three core middle school teachers throughout their three years at SciTech. Each teacher will “loop” with their students to continue their growth in reading, writing, listening, speaking, and Social Studies throughout their Middle School years

Middle School Electives

Music Technology : Mr. Ferrante



Music Classes in Grades 6,7 and 8 use technology and software including Garage Band, Logic Pro , Ableton Live And FL Studio to explore their musical creativity.

The Music Lab features Mac computers and a recording studio

This year we transitioned to the online production software Soundtrap to continue comparable instruction to all students.

ART TECHNOLOGY



In Mr. Gouker's Middle School Art classes, students spiral through the Adobe creative Suite while learning how to communicate and express themselves visually. In 6th grade, the students are introduced and take a deep dive into Photoshop. 7th grade introduces students to the world of vector art in Illustrator. 8th grade is all about the camera – photography and Lightroom.

Mr. Shevitz

Teaches: Physical Education/Health

Hobby: Spending time at home with all his girls.

Interesting Fact: Likes to go to the theatre.



Mr. Lingg

Teaches: Physical Education

Interesting Fact: I was the middle school swim coach for Sci-Tech's first ever middle school swim championship team.

Hobbies: Love all outdoor activities and traveling.



Electives - Mr. Bland

MS Electives:

- Career Prep – Keyboarding and Word Processing
- Launching Innovation – Business and Computer Science

HS Electives:

- Game Design – Java Programming
- Economics

Hobbies: Football, Hockey, MTG, and GamesWorkshop





Q&A

- Any questions? We will take questions for 10 minutes.
- If we don't get to your question feel free to email Stephanie Theuret at stheuret1@pghschools.org.
- ***REMINDER: If you would like to go to the drop-in session for questions about IEP's, 504's or other student services please use the link in the chat at 6:30pm.***