

MS447 The Exploratory School



The Basics...



- Rigorous and nurturing academic environment
- Approximately 530 students
- 6 classes per grade
- Integrated Co-teaching Classes on all grades
- 3-year advisory program
- Busing for 6th Graders
- Competency-based education

In our community...

- We act with **INTEGRITY**
- We work for **JUSTICE & EQUITY**
- We listen and learn with **CURIOSITY & JOY**
- We take **RESPONSIBILITY**
- We all **BELONG** here!



What we do...



Learning through Inquiry-Based Experiences: Opportunities that empower students to question, explore and make sense of the world around them.

Collaboration and Partnership: Between students, teachers, families, and our city

Education of the Whole Child: Students as citizens who are self aware, socially aware, and environmentally aware, and act as responsible members of our community.

Pack Advisory

- Community-building circle structure
- Empathetic listening
- Self-awareness, self-management
- Social awareness
- Relationship skills
- Responsible decision making
- Race and Identity
- Organization



Social Emotional Learning

- Conflict resolution
- Student Equity Team
- Student Council
- Peace and Diversity Conference
- Restorative approaches to discipline
- Lunch Clubs and Recreation
- Strong Support Staff



Special Education, ENL, Academic Intervention Services, & Student Support

- Integrated Co-Teaching (ICT) inclusion program
- ASD Nest Program
- SETSS
- Speech, OT, and PT
- ESL services
- Lab periods (Literacy and Math) for small group targeted instruction and academic intervention
- Counselors on all three grades
- Office Hours with teachers



Exploration Program



- Interdisciplinary units focused around a central theme
- Taught onsite & offsite by a core six-teacher team
- Collaborations with NYC cultural institutions
- Each unit ends with an Exposition for friends & family

Exploration Units of Study:

6th Grade: Food for Thought, Water Stewardship

7th Grade: Art for Planet Earth, Gowanus Blue

8th Grade: Mini Passion Project; Inventions and Systems for a Better World, Forensic Science and the Carceral System

Some of Our Destinations and Collaborations...

- Brooklyn Botanic Garden
- Sloop Clearwater
- The Innocence Project
- Center for Architecture Foundation
- Dolan DNA Learning Center
- Gowanus Canal Conservancy
- NYC Mayor's Office of Sustainability
- Queens Museum of Art
- NY Hall of Science
- Taste Buds Kitchen



...And Some More

- Paley Center for Media
- Brooklyn Grange Rooftop Farm
- Museum of Natural History – Sackler Lab
- Frick Collection
- Jamaica Bay Wildlife Refuge
- Liberty Science Center
- Metropolitan Museum of Art
- NYC Greenmarkets
- Museum of Tolerance
- Oyster Farming in Red Hook
- Prospect Park
- One World Trade Center



English Language Arts



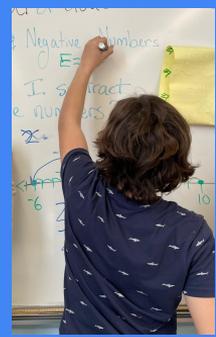
- We follow a comprehensive literacy (reading, writing, word study) curriculum in English Language Arts
- Reading and writing across all subjects
- Daily instruction reflects a cooperative spirit in which students engage with one another to ask big questions, make meaning, synthesize, apply, and share their learning
- Emphasis on student voice

Social Studies



- 6th Grade: Ancient civilization and non-Western countries
- 7th & 8th Grades: US History
- Collaborations: Facing History and Ourselves, Constitution Works

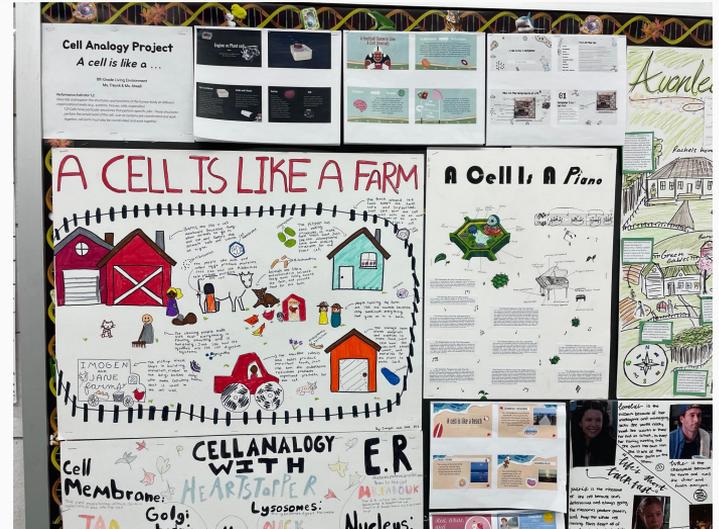
Mathematics



- Illustrative Math curriculum - inquiry based
- Development of deep understanding of mathematical processes through problem-solving, conversation, and routine skills practice.
- Algebra 1 Regents exam at the end of 8th grade.

Science

- Earth Science, Physical Science, Life Science
- Inquiry-based lessons and projects
- Long-term investigations
- Emphasis on four modes of investigation
 - Controlled experiments
 - Secondary research
 - Field study
 - Exploring working model/systems
- Biology Regents for all students in 8th grade
- Urban Advantage School



Foreign Language

- Spanish, Grade 8
- Focus on grammar, reading, writing, and speaking/conversation
- Spanish Proficiency Exam offered (TBD)



Arts and Technology

All students Grades 6-8 Participate in Studio Art, Performance Art, or Technology

Talent choices:

Dance

Instrumental Music

Theater

Studio Art

Technology



Physical Education and Health

- Two or three P.E. periods per week
- Sports and Games/Team building
- Fitness/Healthy Living
- Additional Health class in 6th and 7th Grade
- Recess Sports
- Morning gym program



Competency-Based Education

- Competency based education provides built-in, specific, and ongoing feedback to students
- Opportunities for revision and goal-setting
- Habits of Work
- Student-Led Conferences



6-Day Schedule (A-F)

601

MS 447 - MATH & SCIENCE EXPLORATORY SCHOOL, 345 DEAN STREET, BROOKLYN

	A	B	C	D	E	F
Pack 8:30 - 8:42	Pack Ahmed / Ross / Dych 454 / 326	Pack Ahmed / Ross / Dych 454 / 326	Pack Ahmed / Ross / Dych 454 / 326	Pack Ahmed / Ross / Dych 454 / 326	Pack Ahmed / Ross / Dych 454 / 326	Pack Ahmed / Ross / Dych 454 / 326
Lockers 8:42 - 8:48						
1 8:48 - 9:33	Talent Mullins / McKanna / Acker / Farrell / Landman 303 / 304 / 305 / 306 / 432	Talent Mullins / McKanna / Acker / Farrell / Landman 303 / 304 / 305 / 306 / 432	ELA Ahmed / Ross 454	ELA Ahmed / Ross 454	Science Fares / Frantzis 318	ELA Ahmed / Ross 454
2 9:35 - 10:18	Dych / Smith	Science Fares / Frantzis 318	Science Fares / Frantzis 318	Lab Chen / YMoore / Castelyn / Ahmed / Ross / Crantes / Wong / Carlson / Velaz / Fares / Landman 455 / 459 / 326 / 456 / 453 / 457	Math Chen / YMoore 455	Science Fares / Frantzis 318
3 10:20 - 11:03	Exploration	SS Davis / NMoore 452	ELA Ahmed / Ross 454	Talent Mullins / McKanna / Acker / Farrell / Landman 303 / 304 / 305 / 306 / 432	Talent Mullins / McKanna / Acker / Farrell / Landman 303 / 304 / 305 / 306 / 432	Talent Mullins / McKanna / Acker / Farrell / Landman 303 / 304 / 305 / 306 / 432
4 11:05 - 11:47	326	ELA Ahmed / Ross 454	Math Chen / YMoore 455	SS Davis / NMoore 452	SS Davis / NMoore 452	ELA Ahmed / Ross 454
5 11:49 - 12:31	Lunch Cafeteria	Lunch Cafeteria	Lunch Cafeteria	Lunch Cafeteria	Lunch Cafeteria	Lunch Cafeteria
6 12:33 - 13:15	Smith / Dych	Math Chen / YMoore 455	Math Chen / YMoore 455	Science Fares / Frantzis 318	ELA Ahmed / Ross 454	SS Davis / NMoore 452
7 13:17 - 14:00	Exploration	Advisory Ahmed / Alexis / Ross 454 / 356 / 310	Advisory Ahmed / Alexis / Ross 454 / 356 / 310	Math Chen / YMoore 455	PE Genseen / Schrup Gym	Math Chen / YMoore 455
8 14:02 - 14:45	Math Chen / YMoore 455	PE Genseen Gym	SS Davis / NMoore 452	PE Genseen / Ahmed Gym	Lab Chen / YMoore / Castelyn / Ahmed / Ross / Crantes / Wong / Carlson / Velaz / Fares / Landman 455 / 459 / 326 / 456 / 453 / 457	Lab Chen / YMoore / Castelyn / Ahmed / Ross / Crantes / Wong / Carlson / Velaz / Fares / Landman 455 / 459 / 326 / 456 / 453 / 457

Timetable generated: 10/29/2023

aSc Timetables Online



6th Grade Camp Trip

- Two days, one night
- Community building
- Outdoor learning
- New friends!



After School Programs

- Free, full-time after school program (SONYC)
- In partnership with LeAP
- Robotics, Fine Arts, Dance, Basketball, Flag Football, Soccer, Volleyball, Spoken Word/Creative Writing, Photography, Film Production, Cartooning, Theater, Songwriting, Games Factory, Vocals, Life Skills and Leadership, Homework Help, Newspaper, Student Council, GSA, Debate Team, and more...



Learn more...

- Visit our website: ms447.org
- Check out our admissions materials
- Contact our Parent Coordinator, Amy Sirot
asirot@ms447.org

