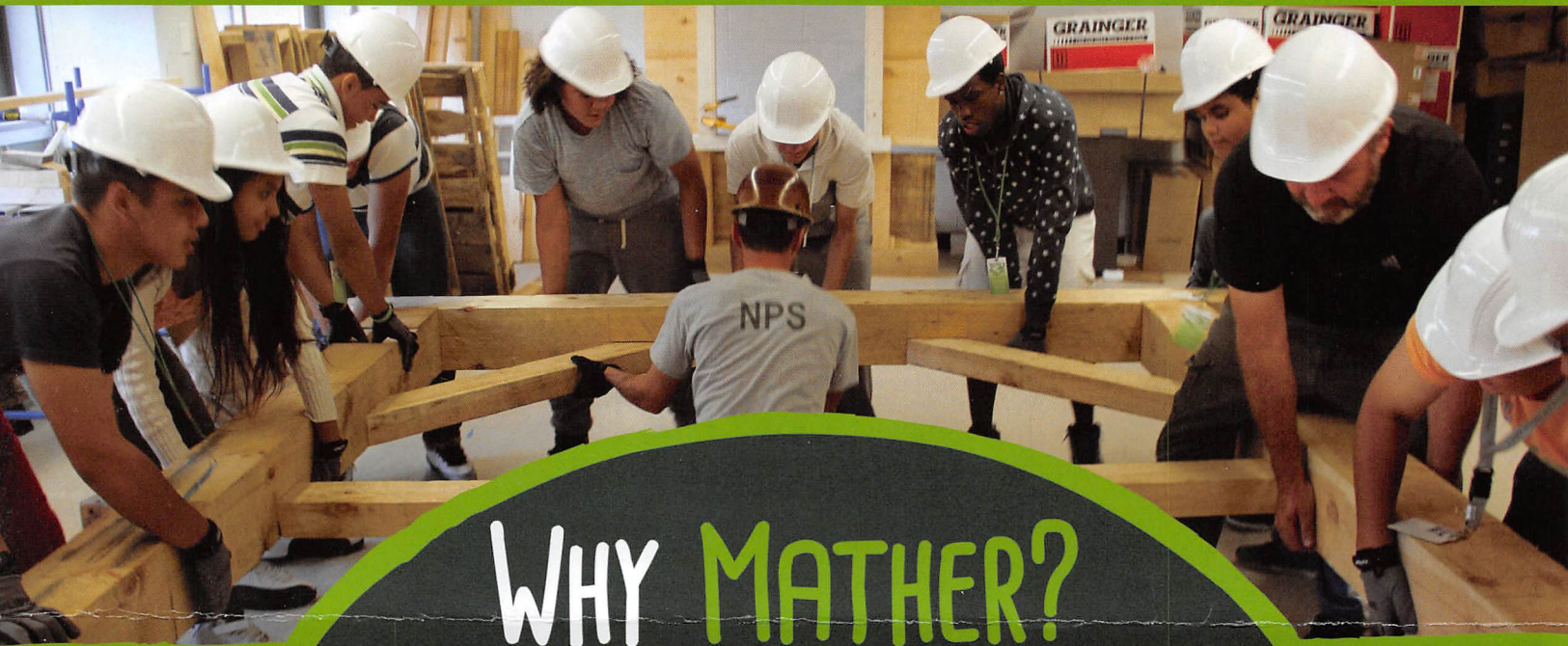




WE PROVIDE THE TOOLS. YOU CRAFT YOUR FUTURE.



WHY MATHER?

FOR STUDENTS

- LEARN BY DOING, WORK WITH YOUR HANDS, AND APPLY YOUR KNOWLEDGE
- EXPLORE AND BEGIN LEARNING THE CRAFTSMANSHIP OF BUILDING ARTS-CARPENTRY, MASONRY, DECORATIVE FINISHING- AND LANDSCAPING
- DEMONSTRATE YOUR CREATIVE AND ARTISTIC SIDES
- PARTICIPATE IN WORK-BASED LEARNING EXPERIENCES: INTERNSHIPS, JOB-SHADOWS, FIELDTRIPS, AND MORE
- WORK IN THE OUTDOORS AND ON JOB SITES WITH INDUSTRY LEADERS
- GRADUATE WITH A REGENTS DIPLOMA, CTE ENDORSEMENT, AND REAL-WORLD EMPLOYABLE SKILLS

FOR PARENTS

- TRUST IN A SAFE AND SUPPORTIVE ENVIRONMENT WHERE STUDENTS ARE WELL-KNOWN, PERSONALLY GUIDED, AND TAUGHT TO SELF-ADVOCATE
- RELY ON SMALL ACADEMIC CLASSES THAT FEATURE PROBLEM-BASED LEARNING WITH REAL-WORLD APPLICATION SO THAT STUDENTS CAN ANSWER THE QUESTION: WHY DO I NEED TO KNOW THIS?
- DEPEND ON OPEN COMMUNICATION WITH TEACHERS AND STAFF, ACCESS TO CURRICULUM, CONTINUOUS SCHOOL UPDATES AND EASY MONITORING OF STUDENT PROGRESS
- THE CONFIDENCE OF KNOWING STUDENTS WILL HAVE MANY OPTIONS AFTER HIGH SCHOOL AND WELL INTO LIFE



WHERE DO YOU WANT TO BE IN FOUR YEARS? OFF TO COLLEGE, IN AN APPRENTICESHIP, OR ENTERING THE JOB MARKET? YOUR FUTURE STARTS AT MATHER!

AT MATHER, STUDENTS LEARN HISTORIC PRESERVATION THROUGH THE BUILDING ARTS AND LANDSCAPE MANAGEMENT TRADES. WITH THE NATIONAL PARK SERVICE AS OUR INCREDIBLE PARTNER, YOU CAN:

NAIL DOWN YOUR FUTURE.

CARPENTRY

MEASURE TWICE, CUT ONCE. IT'S A FUNDAMENTAL RULE OF CARPENTRY, A BUILDING ARTS TRADE THAT HAS BEEN AROUND SINCE HUMANS STARTED USING TOOLS TO CREATE SHELTERS OUT OF WOOD. IT'S A TRADE THAT IS BOTH TECHNICAL AND ARTISTIC, EMPLOYING GEOMETRY AND TRIGONOMETRY AS WELL AS DRAWING, HAND SKILLS, AND AN UNDERSTANDING OF ARCHITECTURAL HISTORY. CARPENTERS USE BOTH HAND TOOLS AND MACHINES AND MAY SPECIALIZE IN MANY AREAS SUCH AS FRAMING, CABINETS, FINE JOINERY, AND FINISH TRIM WORK. IT IS PRECISE WORK, AND CLOSE ENOUGH ISN'T GOOD ENOUGH FOR THESE CRAFTSPEOPLE, ESPECIALLY THOSE WHOSE INTERESTS AND PASSIONS LEAD THEM TO PRESERVATION WORK. IF YOU LIKE THE SMELL OF SAWDUST, AND LOVE TO LEARN IN A HANDS-ON ENVIRONMENT, APPLYING THE ACADEMIC KNOWLEDGE YOU LEARN IN THE CLASSROOM TO A PRACTICAL END, THEN **MATHER** IS FOR YOU.



BUILD THE FOUNDATION FOR THE REST OF YOUR LIFE.

MASONRY: STONE, BRICK, BLOCK, PLASTERING

MASONRY IS A BUILDING ARTS TRADE THAT IS FUNDAMENTAL TO CONSTRUCTION. WITHOUT MASONS THERE WOULD BE NO FOUNDATIONS OR BUILDINGS. WHILE MANY OF THE MASONS' TECHNIQUES AND TOOLS HAVE BEEN LARGELY UNCHANGED SINCE THE BUILDING OF THE GREAT MEDIEVAL CATHEDRALS, ADVANCEMENTS IN TECHNOLOGY HAVE MADE IT POSSIBLE FOR THESE SKILLED CRAFTSPEOPLE TO CREATE STRUCTURES THAT WOULD HAVE BEEN IMPOSSIBLE TO CONSTRUCT 150 YEARS AGO. WHILE THE MASON MUST BE ABLE TO USE PHYSICAL TOOLS WITH A HIGH LEVEL OF SKILL, THEIR MOST IMPORTANT TOOL IS THE WIDE RANGE OF ACADEMIC KNOWLEDGE THAT INCLUDES MATH, EARTH SCIENCE, PHYSICS AND HISTORY. THESE SUBJECTS FORM THE FOUNDATION OF THE MASON'S TRADE, ESPECIALLY MASONS WHO WANT TO PRESERVE AND RESTORE THE BUILDINGS THAT CONTAIN AND CONVEY AMERICA'S UNIQUE HISTORY. AS WITH THE ALL BUILDING ARTS TRADES, MASONRY REQUIRES WORKING AS A PART OF A GROUP, BUILDING A STRUCTURE FROM THE GROUND UP THROUGH TEAMWORK, A CORE VALUE OF **MATHER**.



IT'S NOT HOW YOU START; IT'S HOW YOU FINISH.

DECORATIVE FINISHES: INTERIOR/EXTERIOR PAINTING, PLASTERING, FAUX FINISHES

A ROOM WITHOUT DECORATIVE FINISHING IS LIKE A CAKE WITHOUT FROSTING. IT'S THE FINAL TOUCH AND THE FINEST LAYER IN BUILDING CONSTRUCTION. OF ALL THE BUILDING ARTS, DECORATIVE FINISHING IS THE MOST "ARTISTIC." PAINTERS WORK ON SURFACES THAT INCLUDE WOOD, PLASTER AND METAL. HERE, CHEMISTRY CLASS GETS A PRACTICAL APPLICATION AS STUDENTS APPLY WHAT THEY HAVE LEARNED TO MIXING, CREATING AND WORKING WITH PAINTS. BUT WAIT, THERE'S MORE! LEARN HOW TO TRANSFORM EVERYDAY THINGS INTO ARCHITECTURAL GEMS: USE GOLD, SILVER OR COPPER TO GILD A STATUE; TURN A PLAIN TABLE TOP INTO A MARBLE SLAB; CHANGE A WHITE WALL INTO A COLORFUL TILED MOSAIC; CONVERT A BORING CEILING INTO A MOLDED MASTERPIECE. THIS FIELD OFFERS A RARE COMBINATION OF OPTIONS - THE ABILITY TO BE AN ARTIST WITH THE CERTAINTY OF GAINFUL EMPLOYMENT. AS HANDS-ON SESSIONS WILL PROVE, DECORATIVE FINISHING IS A SPECIAL TRADE THAT REQUIRES AN ARTISTIC EYE AND A CAREFUL TOUCH. IF YOU LIKE THE IDEA OF TURNING THE ORDINARY INTO THE EXTRAORDINARY, THEN **MATHER** IS WHERE YOU BELONG.

DIG DEEPER TO GROW YOUR FUTURE.

LANDSCAPE MANAGEMENT

AMERICA'S HERITAGE AND LEGACY GOES BEYOND THE BUILDINGS AND STRUCTURES THAT HAVE BEEN CREATED SINCE THE NATIVE AMERICANS MET THE FIRST EUROPEAN EXPLORERS. IT INCLUDES THE SPECIAL LANDSCAPES OF FLOWERS, TREES AND SHRUBS THAT WERE DESIGNED TO COMPLEMENT CONSTRUCTION, WHETHER IT IS AS STRAIGHTFORWARD AS A PRIVATE COURTYARD GARDEN IN QUEENS OR AS GRAND AS CENTRAL PARK. THE PRESERVATION AND EVALUATION OF THESE LIVING LANDSCAPES ARE IMPORTANT TO OUR UNDERSTANDING OF AMERICAN HISTORY, AS MUCH AS TO THE IMPORTANCE OF MAINTAINING OUR UNIQUENESS. SO, ARE PLANTS, PARKS AND OTHER PUBLIC SPACES YOUR THING? WHEN YOU TALK ABOUT GOING "GREEN," DO YOU MEAN PLANTS AS WELL AS BEING ENVIRONMENTALLY CONSCIOUS? THEN **MATHER** IS FOR YOU, WHERE YOUR CLASSES SUCH AS BOTANY, CHEMISTRY AND EVEN HISTORY WILL REVEAL THEIR PRACTICAL SIDE AS YOU HEAD OUTSIDE TO APPLY THAT LEARNING TO PRESERVING, MAINTAINING AND RESTORING SOME OF NEW YORK CITY'S MOST VALUABLE CULTURAL LANDSCAPES.



MATHER
BUILDING
ARTS &
CRAFTSMANSHIP
HIGH SCHOOL

MATHER BUILDING ARTS & CRAFTSMANSHIP HIGH SCHOOL

439 WEST 49TH STREET, 4TH FLOOR, NEW YORK, NY 10019

212-399-3520 | [INFO@MATHERHSNYC.ORG](mailto:info@matherhsnyc.org)

