ARTS & TECHNOLOGY

MOORESTOWN TOWNSHIP PUBLIC SCHOOLS

Mrs. Patricia Rowe

District Supervisor, Arts & Technology

Visual & Performing Arts
Business & Careers
Educational Technology/Computers
Technology Education

Standards Overview

- Visual & Performing Arts (NJSLS 1.1-1.4)
  - Visual and Media Arts
  - Music
  - Theater
  - Dance

- Technology (NJSLS 8.1 and 8.2)
  - Educational Technology/Computational Skill Development
  - STEM / STEAM Integration
  - Engineering Design
  - Robotics / Computer Thinking - Programming

- 21st Century Life & Careers (NJSLS 9-9.3)
  - Career Ready Practices
  - Financial Literacy
  - Career Awareness, Exploration, and Preparation
  - Career and Technical Education

Department Vision

Instruction in arts and technology enriches the aesthetic perception of one's environment while encouraging creative, intellectual and social growth which, in turn, prepares and provides students with the skills necessary for success in the 21st century.
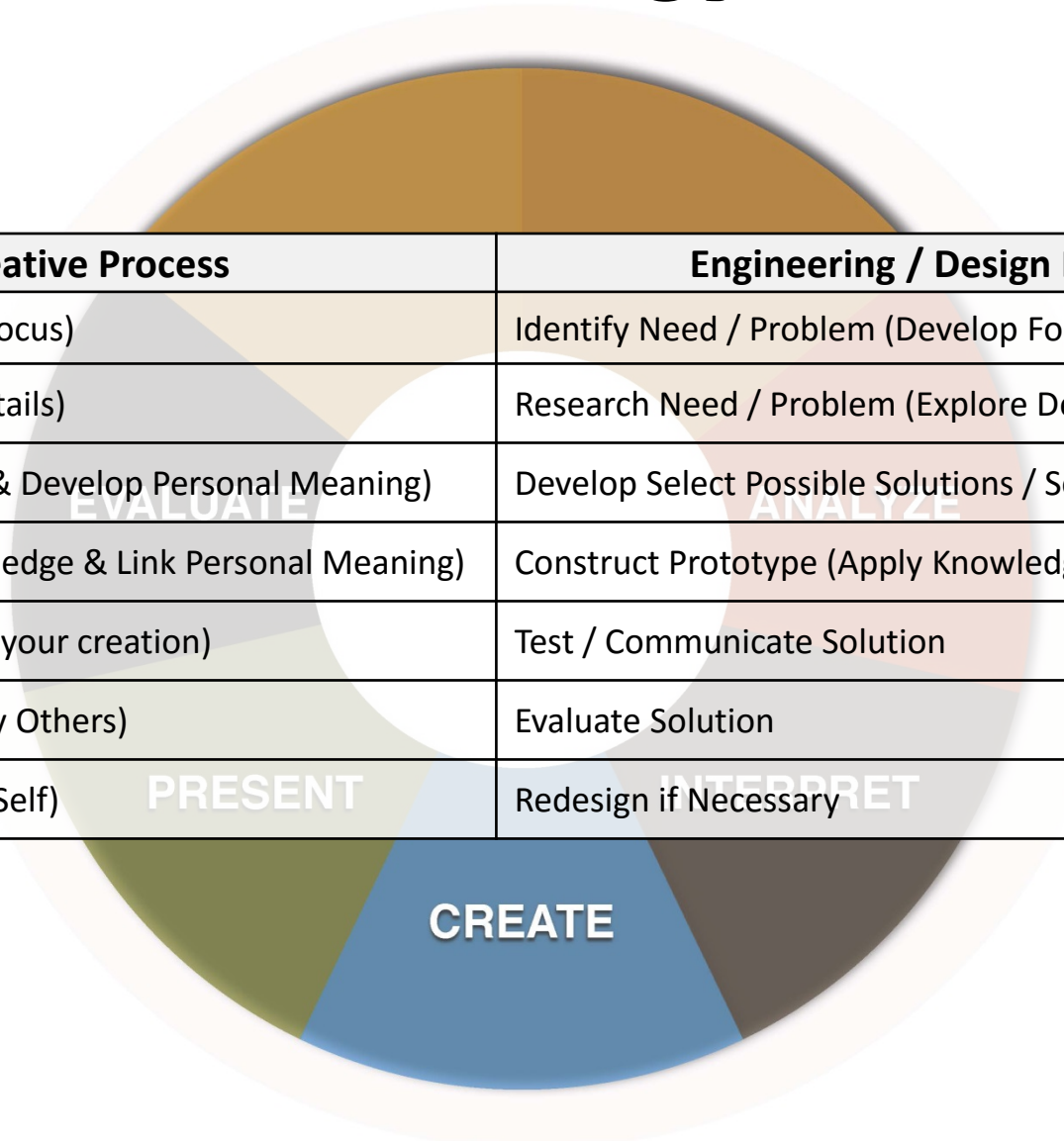
The Arts & Technology Department overarches four main areas: Visual & Performing Arts, Business & Career Education, Educational Technology/Computers, and Technology Education.

Arts & Technology Practices

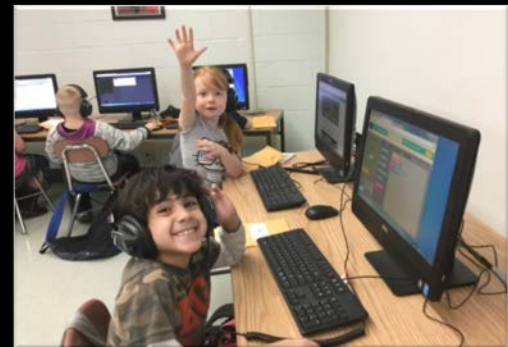| Creative Process	Engineering / Design Process
Describe (Develop Focus)	Identify Need / Problem (Develop Focus)
Analyze (Explore Details)	Research Need / Problem (Explore Details)
Interpret (Discover & Develop Personal Meaning)	Develop Select Possible Solutions / Select Best Solution
Create (Apply Knowledge & Link Personal Meaning)	Construct Prototype (Apply Knowledge)
Presentation (Share your creation)	Test / Communicate Solution
Evaluate (Critique by Others)	Evaluate Solution
Reflect (Critique by Self)	Redesign if Necessary

EVALUATE

ANALYZE

PRESENT

INTERPRET

CREATE

Arts & Technology Programs K-3

All Students

- Weekly in Art, Music, and Computers
  - *Theater and Dance standards are integrated within music class*
  - *Dance standards are also integrated within PE class*
- Chorus (Grades 1-3)

Additional Services

- Preschool Arts and Music
- Adaptive Art and Music

Arts & Technology Programs 4-6

All Students

- Unified Cycle Courses: Art, Music, Computers
  - *Theater and Dance standards are integrated within music class*
  - *Dance standards are also integrated within PE class*

A&A Programs- elected or auditioned courses

- Enriched Art, Chorus, Select Chorus, Band, Orchestra, and Dance

Additional Services

- Adaptive Art and Music

Additional Opportunities Programs 4-6

Extra Curricular

- Art Club
- Mosaic Club
- Spring Musical

District Supported Honors Arts Opportunities

- All South Jersey Elementary Honors Band
- All South Jersey Elementary Honors Orchestra
- All South Jersey Elementary Honors Chorus
- NJASBO Annual Student Art Exhibit

Arts & Technology Programs 7-8

Cycle Courses: (All Students)
- 7th grade- Intro to Digital Design
  (Ed Tech & Visual Arts Integrated)
- 8th grade- Exploring Technology
  (STEM/Tech Ed),
  Public Speaking & Theater
  (ELA and Theater Integrated)

Enrichment program: (Placement or Elected/Auditioned)
- 7th grade- Chorus, Orchestra, Band, Jazz Band, Beginner Band, Honors Choir, History of Popular Music, Introduction to Songwriting, 2D Art, Honors Art I, Digital Media
- 8th grade- Chorus, Orchestra, Band, Jazz Band, Beginner Band, Honors Choir, Music and Society, Intro to Graphic Design, 3D Art, Honors Art II, Movie Making, Advanced Movie Making

Additional Opportunities Programs 7-8

Extra Curricular

- Anime Club

- Spring Musical

- FIRST Robotics Team

District Supported Honors Arts Opportunities

- All South Jersey/All-State Junior Honors Band

- All South Jersey/All-State Junior Honors Orchestra

- All South Jersey/All-State Junior Honors Chorus

- Burlington County Junior Honors Band

- Burlington County Teen Arts Art Exhibit/Competition

- NJASBO Annual Student Art Exhibit/Competition

Visual Arts Programs 9-12

MHS offers 19 visual arts courses within the areas of studio, fashion, ceramics/sculpture, and digital arts

AP Opportunities:
AP Art History, AP Studio Art 2D/3D

Suggested Programs Strands/Clusters for Visual Arts Discipline Focus:

Studio and Fashion Arts

2D Design & Studio Art I	Fashion I & Fashion II
Honors Studio Art II	
Honors Studio Art III	
Honors Portfolio AND/OR AP Studio Art (Drawing, 2D)	

Ceramics & Sculpture

Ceramics I & 3D Structures
Ceramics II & Honors Ceramics III
Honors Portfolio AND/OR AP Studio Art (3D)

Digital Design

Digital Design & Multimedia Design
Honors Graphic Design
Honors Portfolio (Digital)

Performing Arts Programs 9-12

MHS offers 18 performing arts courses within the areas of band, orchestra, vocal, music theory, and music technology

AP Opportunities:
AP Music Theory

Suggested Programs Strands/Clusters for Performing Arts Discipline Focus:

Vocal Music

Ensemble or Concert Choir	Honors Introductory Madrigals
Honors Concert Choir	Honors Madrigals

Instrumental Music

Concert/Pep Band	Jazz Band	String Orchestra
Honors Wind Ensemble	Honors Jazz Band	Honors Orchestra

Business & Careers Programs 9-12

MHS offers 17 business and careers courses within the areas of college & career readiness, computational skills, financial literacy, accounting, economics, and marketing & entrepreneurship

AP Opportunities:
AP Microeconomics, AP Macroeconomics

Suggested Programs Strands for Business & Careers Discipline Focus:

Accounting

Honors Accounting
Honors Accounting II
AP Macroeconomics OR AP Microeconomics

Economics

Honors Global Business I & II
AP Macroeconomics
AP Microeconomics

Marketing & Entrepreneurship

Principles of Business, Marketing, & Finance OR Presentations and Publications	Marketing by Design OR Sports and Entertainment Marketing
Honors Entrepreneurship	
Honors Global Business I & II	

Technology Education Programs 9-12

MHS offers 12 technology education courses within the areas of CAD/D, architecture, engineering, robotics, and photography/video

Suggested Programs Strands/Clusters for Technology Education Discipline Focus:

CAD/D

Intro to Electrical Engineering OR Intro to Mechanical Engineering	Intro to CAD/D and Architecture
Honors Computer Aided Drafting/Design I	
Honors Computer Aided Drafting/Design II	

Architecture

Intro to Electrical Engineering OR Intro to Mechanical Engineering	Intro to CAD/D and Architecture
Honors Architecture	
Honors Architectural Engineering	

Robotics & Engineering (choose two of three, one semester Tech Ed Intro courses)

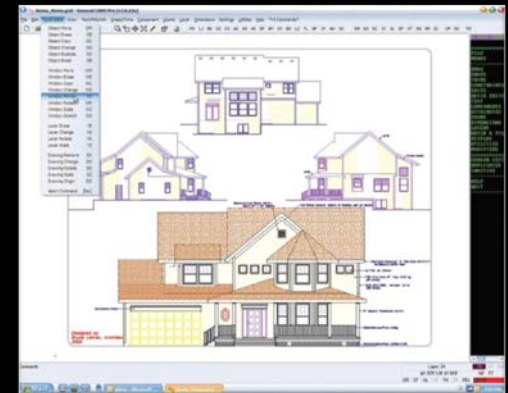| Intro to Electrical Engineering	Intro to Mechanical Engineering	Intro to CAD/D and Architecture
Honors Engineering Design or Honors Computer Aided Drafting/Design I		
Honors Robotics		

Engineering

Intro to Electrical Engineering OR Intro to Mechanical Engineering	Intro to CAD/D and Architecture
Honors Computer Aided Drafting/Design I	
Honors Engineering	

Industrial Design

Intro to Electrical Engineering OR Intro to Mechanical Engineering	Intro to CAD/D and Architecture
Honors Computer Aided Drafting/Design I	
Honors Architecture	

Photography*

Photography I
Honors Photography II
Honors Portfolio (Digital) (Visual Arts)

Extra-Curricular Programs/Clubs 9-12

- **Visual Arts**
  - Art Club
  - Yearbook Club
- **Performing Arts**
  - Fall Play
  - Spring Musical
  - Pep Band
- **Business & Careers**
  - FBLA- Future Business
    Leaders of America
  - Stock Market Club
  - Marketing Club
- **Technology Education**
  - Photography Club
  - FIRST Robotics Team
  - Technology Student Association

Honors Ensembles / Art Exhibitions

Visual Arts
- Burlington County Teen Arts: Visual Arts
- Burlington County Teen Arts: Digital Media
- Burlington County Teen Arts: Photography
- Clay in Mind Gallery Student Exhibit/Competition
- The Center for the Arts of Southern New Jersey Exhibit/Competition
- TCNJ Student Art Exhibition/Competition
- Emerging Artist Art Exhibition- opportunity for Governor's Award in the Arts*
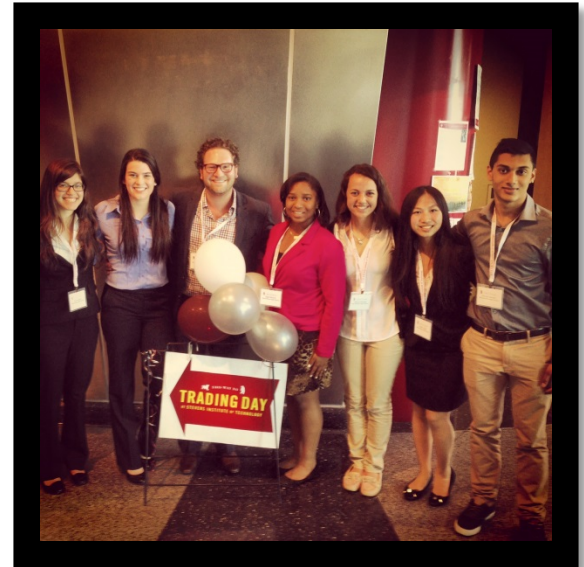

*Merit Award 2016
Naquia Unwala

Performing Arts
- All South Jersey/All-State/Regional/All-National Honors Band
- All South Jersey/All-State/Regional/All-National Honors Orchestra
- All South Jersey/All-State/Regional/All-National Honors Chorus
- Burlington County Honors Band

Competitions 9-12

Business & Careers

- Fairleigh Dickinson University's Silberman College of Business NJ Business Idea Competition

- Rowan College at Burlington County Start Up Stars Challenge
  - Grand Prize at the Start Up Stars Competition

- H&R Block Budget Challenge, Finance Simulation

- Stevens Institute of Technology Trading Day Competition

Community Connections

MoorArts

- Arts/Arts Integration Teacher Grants
- Annual Arts Events with MTPS Student Participation
  - Autumn in Moorestown (student art exhibit and performance opportunities)
  - Holiday Arts Festival (student art exhibit and performance opportunities)
  - MoorMotion (elementary)
  - District Spring Musicals
    - Students with Disabilities Flower Project
  - District Art Exhibit @ Moorestown Day
  - MoorArts Summer Musical/Arts Event
- Arts Student Recognition
  - Student Arts Scholarships
  - Underclassmen Arts Awards

Community Connections

- Sustainable Moorestown Arts Committee
- Instrumental Music Parents Club
  - Parent booster club to support instrumental program needs
- Pep Band
  - Lion's Holiday Parade
  - Memorial Day Service
- FIRST Robotics Team
  - Lockheed Martin
  - STEM Night
  - UES Science Fair
  - Moorestown Day

Moving Forward...

Goals
- *Create multi-level, career-focused, program threads to enable students to develop to proficiency level within a chosen discipline*
- *Explore and expand current programs to include STEAM-based opportunities*
- *Create programs in which all students can be successful*

Arts
- Update all K-12 Visual and Performing Arts curricula to align with NJSLS in Visual and Performing Arts by September 2016
- Expansion of AP opportunities
  - AP Studio Art: 3D to be offered Sept 2016
- Arts Integration to Support the Student Learning Standards Committee- creating PD opportunities as well as online arts resources for non-art teachers

Technology
- Finalize updates to K-12 Technology/Business & Careers curricula to align with NJSLS in Technology and 21st Century Life & Careers by September 2016
- Development of Video Production course as foundation to Media Arts/Video Production Program

Contact Info & Resources

Contact:

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> *Visual & Performing Arts*
> *Business & Careers*
> *Educational Technology/Computers*
> *Technology Education*

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Resources within Presentation:
- TBLOGICAL [image] technology palette http://www.portical.org/blog/technology-and-the-arts-merge/1422.htm
- The Arts Center Gold Coast [photograph] girl with paint http://www.theartscentregc.com.au/education-and-kids/art-unpacked-land-and-place
- Education Closet [image] creative process wheel http://educationcloset.com/
- NJCCCS Visual & Performing Arts: http://www.state.nj.us/education/aps/cccs/arts/
- NJCCCS Technology: http://www.state.nj.us/education/aps/cccs/tech/
- NJCCCS 21st Century Life & Careers: http://www.state.nj.us/education/aps/cccs/career/