

College & Career Readiness Vertical Alignment



PELHAM HIGH (9-12)

COMMUNICATION & MEDIA ARTS

- Beginning Journalism
- Broadcast Journalism: *PHS Live*
- Creative & Competitive Writing
- Literary Magazine: *More Than Words*
- Debate
- Yearbook: *Pinnacle*
- Website Development, News Reporting, & Social Media

CULINARY ARTS & HOSPITALITY

- Hospitality & Tourism
- Culinary Arts I
- Culinary Arts II
- Baking and Pastry Arts
- Senior Career Pathways
- Cookie Baking ("Skinny" Course Selection)

FINANCE, ENTREPRENEURSHIP, & MARKETING

- Microsoft IT I
- Marketing Principles
- Accounting
- Business Finance
- Banking & Financial Services
- Sales & Promotion Planning
- Senior Career Pathway
- PHS School Store & Bank Branch (2017)

ENGINEERING

Project Lead the
Way Curriculum

- Introduction to Engineering Design
- Principles of Engineering
- Engineering Specialization Courses
- Engineering Design & Development
- AP Computer Science Principles
- UAB BEST Robotics Competition
- UA Robotics Competition
- Moon Buggy Competition

RIVERCHASE MIDDLE (6-8)

- Debate (2016)
- Beginning Journalism
- Yearbook: *The Prowler*
- Newspaper: *Paw Prints*

- Teen Connections & Teen Discoveries
- Family & Consumer Science (FACS)
- Exploring Career Pathways in FACS

- RMS School Store (2016)
- Marketing, Sales, and Operations

- Design & Modeling
- Automation & Robotics
- Energy & The Environment
- UAB BEST Robotics Competition
- UA Robotics Competition

VALLEY INTERMEDIATE (3-5)

- Broadcast Journalism: *Valley Today*
- Yearbook Club
- Peer Mediators

- Cooking Club
- Baking Club
- Gardening/Horticulture Club

- School Store Operations
- School Store Sales
- School Store Promotion/Marketing

- PLTW STEM Exploration:**
- 3rd - Stability & Motion: Science of Flight, Forces & Interaction, Programming Patterns, and Vex Robot Design
 - 4th – Energy Collisions, Energy Conversion, and Vex Robot Design
 - 5th – Vex Robot Design
 - CanStruction Club, Lego Club, Robotics Club, Engineering/Construction Club

Leader in Me Clubs meet 2 times per month

VALLEY ELEMENTARY (K-2)

- PLTW STEM Exploration:**
- K – Structure & Function Exploring Design, Pushes & Pulls, Structure and Function Human Body
 - 1st – Light & Sound, Observing the Sun, Moon, & Stars, Animal Adaptations
 - 2nd – Materials Science: Properties of Matter, Form & Function, and The Changing Earth

Leader in Me; Guidance & Counseling Lessons (whole group, small group, and individual sessions); Chess Club

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PELHAM HIGH (9-12)

FINE ARTS

- Theatre:** Acting, Technical, Directing, & Film Making 101
- Visual Arts:** Art I, II, & III; Photography I & II; 3D-Art (Sculpture); Digital Design; AP Studio Art
- Instrumental:** Symphonic Band, Wind Ensemble, Symphonic Band Secondary, Jazz Ensemble
- Vocal:** Vocal Level I, Intermediate Choir, PHS Singers, Chamber/Show Choir Acoustic Music ("Skinny" course option)

HEALTH SCIENCES

PLTW Biomedical Science:

- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions
- Biomedical Innovations
- AP Computer Science Principles

Sports Medicine:

- Introduction, Intermediate, Advanced Sports Medicine
- Patient Care Technician

INFORMATION TECHNOLOGY

- Microsoft IT I & II
- Multimedia Design
- Multimedia Publications
- AP Computer Science Principles
- Senior Pathway Project

LAW

- Law I: Philosophy and Ethics
- Law II: Historical Examination of Legal Documents
- Law III: Practical Law
- Law IV: Mock Trial Team
- We The People (2016)

OTHER OPPORTUNITIES

- Pathways: Virtual Learning Program
- Individual 4-Year Planning Annually
- College & Career Night
- Leadership 101 (Habitudes) for all Freshman
- "Skinny" Course Options: ACT Prep, French Culture, Book Club, Sports & Life, Couponing, Environmental Sciences, Peer Helpers, etc.
- AP Pipeline School
- Job Shadowing (11th & 12th graders)

RIVERCHASE MIDDLE (6-8)

- Theatre:** Introduction to Drama
- Visual Arts:** Art
- Instrumental:** Beginning Band, Symphonic Band, Band 8
- Vocal:** Chorus

-PLTW Medical Detectives

-Computer Essentials

-We The People
-Project Citizen

- Individual 4-Year Planning in 8th grade
- Pre-AP Courses
- Chess Club
- Career Café - Panther Academy students will share what they have learned about high wage and high demand career pathways within their Career Academy and the local Pelham workforce during lunch one time a month

VALLEY INTERMEDIATE (3-5)

- Theatre:** Drama Club, Pottery/Sculpting Club, Dance
- Visual Arts:** Art (weekly for all students 45 minutes), Jewelry Making Club, Scrapbooking Club, Photography Club, Graphic Design Club
- Instrumental:** Music/Recorder Club, Keyboarding Club
- Choral:** Music (weekly for all students 45 minutes)

- Biomedical:** Medical Detectives Club
- Health Sciences:** Exercise Club, Zumba Club, Pop Dance Club, Croquet Club, Yoga Club

- Computer Class (weekly)
- Code.org
- Minecraft Club (5th grade)

- Debate Club
- Super Citizens (5th grade)
- Youth Government Day (5th grade)

- Career Day
- "A Day in the Life of A 6th Grader" (2016)
- Chess Club
- Career Café - Panther Academy students will share what they have learned about high wage and high demand career pathways within their Career Academy and the local Pelham workforce during lunch one time a month

Leader in Me Clubs meet 2 times per month

VALLEY ELEMENTARY (K-2)

Leader in Me; Guidance & Counseling (whole group, small group, & individual sessions); Art & Music classes weekly; Chess Club; Super Citizens (2nd grade)