

# Livingston Public Schools New Course Offerings 2026-2027

Board of Education Meeting  
December 9, 2025



Livingston Public Schools

*Empowering all to Learn, Create, Contribute & Grow*



# Course Title Changes and Redesigns

- Transportation & Automotive Systems → Energy, Power & Transportation 1
- Auto Mechanics → Energy, Power & Transportation 2
  - The new title accurately reflects the unit's significantly expanded scope.
  - The course will maintain foundational units on vehicle service and maintenance and formally reintegrate the technologies that power modern mobility, including: planes and flight, marine vessels (boats), and the integration of alternative energy sources and the power grid.
  - This change reflects a necessary realignment with current industry trends and more comprehensive course names used by technical schools and post-secondary institutions across the state.
- Sustainability Science
  - This course will be transitioned from the final course of the soon-to-be defunct Sustainability Pathway to a full year lab science elective open to any student who has taken a prior Environmental Science course (CP, H, AP).
  - During the first year, any student currently taking Natural Resources and Ecology can register for this course to complete their pathway.



# Additional Course Revisions

- Sustainability Science Pathway - eliminating due to low enrollment
  - Natural Resources & Ecology - eliminating due to low enrollment
- Web Design - eliminating due to obsolescence.
  - The skills developed in the course are done through AI or are incorporated into our multiple Computer Science curricula.



# 6th Grade Math B Lab

- Reimagining of 6th Grade Math C
- Students will have a second math period for half the school year.
  - Taught by same teacher
- This provides additional opportunity to access the 6th-grade Math curriculum during the school year.
- This shift will work to address meeting 6th and 8th grade state standard expectations.
- The math lab allows for consistency in programing across secondary schools.
- Math B Lab will replace World Language semester in a student's schedule.



# Grade 3 Word Study Curriculum - 95 Phonics Core Program

- Continuation of our 95 Phonics Core Program Sequencing
- 95 Phonics Core Program aligns with literacy research, grounded in the Science of Reading, and incorporates the following:
  - Explicit, systematic, sequential, and cumulative instruction
  - Instruction includes immediate, specific feedback
  - Incorporates multisensory learning
  - Application and transfer of skills and concepts through reading, spelling, and writing
  - Focus on learning and applying phonics concepts, not memorizing word lists
  - Consistent language and procedures across grade levels
  - Initial training and continued professional development
- Word Study Components: Phonological and Phonemic Awareness, Letter-Sound Identification/Correspondence, Decoding (phonics), Encoding (spelling), Vocabulary, Morphology, Fluency, and Passage Comprehension



# Math in Focus - Grade 8

- Continuation of our Math in Focus Sequencing
- Supported through Singapore Math and advocates eight mathematical habits:
  - persevering in problem solving
  - constructing viable arguments
  - using tools strategically
  - making use of structure
  - using mathematical reasoning
  - using mathematical models
  - using precise mathematical language
  - looking for patterns
- Students will learn the language of math through activities, explorations, practice, meaningful discussion, hands-on learning, visualization, pictorial representations, application, and problem solving.
- Through this course, students will build deep conceptual understanding, develop critical thinking skills, advance their problem-solving proficiency, build positive outcomes, and cultivate confidence to succeed as a mathematical learner.



# AP Business with Personal Finance

- AP Business provides students with a rigorous, college-level introduction to business concepts, entrepreneurship, and management - skills essential for success in both higher education and the modern workforce.
- The course aligns directly with the New Jersey Student Learning Standards for Career Readiness and 21st-Century Life and Careers by emphasizing problem-solving, collaboration, and ethical decision-making in real-world contexts.
- As an AP Career Kickstart™ course, it enables students to earn an employer-endorsed credential that validates both academic and career-based competencies. Students will apply business theory to practical challenges through projects, case studies, and simulations that reflect diverse global markets and perspectives. The course supports Social-Emotional Learning (SEL) by developing self-awareness, responsible decision-making, and relationship skills essential to leadership and teamwork.



# Ceramics 3

- Ceramics 3 offers students the opportunity to refine their existing skill set of techniques while offering a variety of new ones: specifically, advanced throwing techniques, multi-piece mold design and creation, installation art and slip casting.
- Students will hone surface embellishment techniques and begin to utilize them fluently to express personal style and artistic voice. Students will refine their personal aesthetic through the synthesis of ideas, preferred techniques and design choices.
- This class will offer a valuable degree of artistic advancement. Successful students will be excellent candidates for the Advanced Placement Studio 3D Art course.
- Who May Take Ceramics 3?:
  - The student who needs/wants an additional year to hone ceramic artwork in prep for AP 3D Studio Art.
  - The student who does not want to take AP but wants another year of ceramic instruction.
  - (A potential benefit for this student will be seeing firsthand how the AP3D class functions and what the requirements are, potentially giving that student the confidence to enroll the following year.)



# TCNJ Partnership for Teaching and Learning Pathway LHS

- The Teaching and Learning Pathway is intended to prepare students for a career in the field of education.
- The pathway will be created by using a combination of current LHS courses and developing several courses based on syllabus shared by TCNJ.
- Potential Pathway will be structured to be a truly interdisciplinary pathway that will integrate staff from several disciplines.
- Four courses from TCNJ will offer a dual enrollment option to the LHS students.
  - ELE 203 - Schooling and the American Dream
  - ELE 201 - Child and Adolescent Development
  - ELE 102 - Children's Multicultural Literature
  - ELE 113 - Special Education and the Arts



# TCNJ Partnership for Teaching and Learning Pathway LHS

## *All Participants Take:*

1. ELE 203 - Schooling and the American Dream (TCNJ Curriculum) - Dual Enrollment
2. ELE 201 Child and Adolescent Development (TCNJ Curriculum) - Dual Enrollment
3. Human Behavior (S) OR Sociology (S), OR AP Psychology
4. Senior Internship In a Classroom Setting OR Elementary Education Experience

## *Participants Will Select AT LEAST One of the Following:*

- ELE 102 Children's Multicultural Literature (TCNJ Curriculum) - Dual Enrollment
  - Introduced for 2027-2028 school year
- ELE 113 Special Education and the Arts (TCNJ Curriculum) - Dual Enrollment
  - Introduced for 2027-2028 school year
- Elementary Education Experience
- Human Behavior (S) OR Sociology (S), OR AP Psychology



# TCNJ Partnership for Teaching and Learning Pathway LHS

- ELE 201 Child and Adolescent Development (TCNJ Curriculum) - Dual Enrollment
  - LHS semester courses Family & Child Development 1 & 2 will be combined and reconstructed to fit the design of this TCNJ course.



Thank You!

