A WORLD-CLASS EDUCATION

MODEL LABORATORY SCHOOL
AT EASTERN KENTUCKY UNIVERSITY
A ONE-OF-A-KIND EXPERIENCE

At Model Lab, our students

• Make friendships that last a lifetime.
• Are empowered to own their learning.
• Become leaders of tomorrow.

“What is special about Model is that it is a family that encourages mutual respect through nurturing a culture of caring.”

— Robin Jones, Model Parent
A RICH TRADITION

Model Laboratory School is

• Ranked in the top 10 on state assessments.

• A family atmosphere that nurtures small learning communities.

• A learning lab for practice and innovation, established with Eastern Kentucky University in 1906.

• A complete educational experience for K through 12th grade students.

• Experienced teachers, 98% of which hold advanced degrees, are tenure-track EKU faculty and hold Kentucky Teacher Certification.

• The Commonwealth of Kentucky’s only laboratory school, furthering the mission of research, practice and innovation.

• An integral part of EKU, providing practical experiences for EKU students.

“Model continues to be an integral part of our Richmond community, and provides a great learning opportunity for EKU students and teachers across the Commonwealth.”

— David McFaddin, EKU Interim President

Photo by: Will Luxon (‘21)
A WORLD-CLASS EDUCATION

At Model Lab, our students

- Think critically, creatively, computationally and quantitatively.

- Create, perform, design, innovate and engineer.

- Solve real-world problems by making interdisciplinary connections and applications to their lives.

“Model has a good paradigm for where we need to go with P-20 education. Competencies are where we’re moving, and Model gets it right!”

— Dr. Aaron Thompson, President, Kentucky Council on Postsecondary Education
Model Laboratory School guarantees a world-class education for K-12 Model Laboratory School students through a viable curriculum that:
• Provides opportunities for students to develop as leaders and entrepreneurs.
• Requires students to think critically, creatively, computationally, and quantitatively.
• Challenges students to develop creative solutions to authentic and relevant real-world problems.
• Provides opportunities for students to make cross-curricular and interdisciplinary connections.
• Emphasizes persistence through sustained inquiry, capstone projects, and presentations.

GLOBAL COMMUNICATION AND UNDERSTANDING
• Contextualize and compare perspectives.
• Analyze current events through cultural comparison.
• Read, analyze, and evaluate primary and secondary sources, including images, to draw conclusions about historical, political, social, economic, and geographic developments.
• Analyze geographic patterns and spatial relationships.
• Communicate ideas effectively in discourse to a variety of audiences demonstrating cultural sensitivity and understanding while emulating native speakers.

CREATING, PERFORMING, DESIGNING, AND ENGINEERING
• Create works of art (literature, visual art, music, dance, drama).
• Perform, present, or publish works of art (literary, visual art, music, dance, drama).
• Apply theories and principles when creating, performing, designing, or engineering.
• Apply recursive processes that emphasize practice and persistence and that incorporate collaboration, iteration, critique, reflection, and revision.
• Design innovative and creative solutions (products, algorithms, program code, lighting designs, stage sets) that solve a problem or achieve a purpose.

HUMANITIES
• Read/View/Listen to, analyze, and interpret a work of art (literature, music, visual art, drama, dance).
• Analyze the historical and cultural significance of a work of art (literature, music, visual art, drama, dance).
• Analyze historical and social events and developments.
• Analyze the broader context related to a historical event, development, or process.
• Analyze connections and/or patterns between historical events, developments, and/or processes.

CIVIC ENGAGEMENT, ENTREPRENEURSHIP, AND FINANCIAL LITERACY
• Analyze and evaluating economic and financial options and choices.
• Analyze options and explain choices related to family life and consumer skills.
• Apply political and economic theories, perspectives, and models in authentic contexts in order to make sound economic and financial decisions.

FITNESS AND WELLNESS
• Analyze choices and behavior on fitness, physical health, and emotional and mental wellness.
• Participate in activities that promote lifelong physical activity and wellness.
• Demonstrate individual strategies and effective teamwork.

INQUIRY, COMMUNICATION, AND DATA ANALYTICS
• Plan and conduct sustained research investigations using appropriate tools and media.
• Read, analyze, evaluate, and cite sources and information in qualitative, non-fiction texts.
• Analyze and interpret quantitative data represented in tables, charts, graphs, maps, and infographics.
• Analyze quantitative data and perform statistical tests on the data to draw conclusions.
• Represent quantitative data and information visually through tables, charts, graphs, maps, and infographics.
• Develop logical and valid evidence-based written arguments.
• Communicate orally a perspective using appropriate media to a targeted audience for a particular situation.
• Strategically select and employ purposeful rhetorical and correct syntactical choices.

QUANTITATIVE AND COMPUTATIONAL REASONING
• Analyze a real-world mathematical problem and determine a method and the tools needed for solving it.
• Translate mathematical information from a single representation or across multiple representations.
• Construct viable mathematical arguments.
• Evaluate the reasoning and validity of a mathematical argument or method.
• Look for and make use of structure and patterns in authentic mathematical contexts.
• Attend to precision, using appropriate notion and mathematical conventions.
• Write and implement code by applying logic and rules to achieve outcomes or results.
• Analyze program code to explain the behavior and conditions that produce results in a program.

SCIENTIFIC INQUIRY
• Determine a scientific question and method for answering it.
• Analyze and explain scientific concepts, processes, and models in real-world contexts.
• Analyze and explain visual representations of scientific concepts and processes in real-world contexts.
• Create visual representations and/or models of scientific concepts and processes.

THE MODEL CORE

A WORLD-CLASS EDUCATION

Model Laboratory Schools’ curricular program of studies provides a world-class education that prepares students for college and career by addressing the following:

• SCIENTIFIC INQUIRY
• REASONING
• QUANTITATIVE AND COMPUTATIONAL

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A STRONG FOUNDATION

At Model Lab, our primary students

• Develop skills that set the stage for future success.

• Receive individualized and small group instruction.

• Participate in shared experiences that emphasize the importance of family and community.

“Teachers genuinely care about my children's well-being, and because of the small class sizes, teachers are available for each individual student.”

— Paige Mayo, Model Parent

PRIMARY GRADES K-3

Our Kindergarten through 3rd grade emphasizes educating the “whole child.”

• A curricular focus on early literacy and mathematics.

• Specialized services and instruction through collaborations with EKU students and faculty.

• Bi-literacy in Spanish.

• Exploration of specialized areas, including:
  • Art
  • Music
  • Physical education
  • Library
  • Character education

• Daily recess.

• Learn on location
  • Field trips
PROBLEM SOLVING IN ACTION

At Model Lab, our intermediate students

• Build upon foundational skills through application and problem solving.

• Explore areas of interest through enrichment programs.

• Connect learning across subjects through discovery learning.

“Students take ownership of their own learning, and can see actual value in what they’ve done, because we ask students to create projects or solve problems that are real to them.”
— Teresa Viohl, Fourth Grade Teacher

INTERMEDIATE GRADES 4-6

Our 4th through 6th grade curriculum focuses on application and discovery.

• Thematic units of studies in language arts, social studies, mathematics and science.

• Inquiry projects that showcase student learning.

• Major in a performing art.
  • Strings/orchestra
  • Band
  • Vocal music
  • Drama

• Integrated STEAM (Science, Technology, Engineering, Arts, Math) projects.
  • Robotics
  • Coding
  • Engineering
  • Information literacy
  • Media and digital humanities

• Physical education and daily recess.

• Our 6th grade serves as a transition by introducing middle level concepts and skills in the context of an elementary classroom.

• Opportunities to participate in middle school athletic and extracurricular activities.

Photo by: Allie Shaffer ('21)
MIDDLE SCHOOL
GRADES 7-8
Our 7th and 8th grade offerings engage students in explorations that help them shape their individual talents, interests and abilities.

- Benefit from conceptual and integrated curricula.
  - University of Chicago math program
  - SpringBoard® language arts program
  - Intensive, discipline-focused science and social studies classes
- Explore interests through a variety of electives.
  - Computer science and coding
  - Financial literacy and entrepreneurship
  - Engineering and design
  - Creative and performing arts
  - Digital literacy
- Participate in optional accelerated learning opportunities.
  - Pre-algebra and algebra
  - Earn high school credit in 8th grade through individually-chosen electives
- Continue to build bi-literacy in Spanish.
- Develop leadership and communication skills.
- Opportunities to participate in extracurricular activities and service learning projects.
- Learn on location
- Interdisciplinary projects

EXPERIENTIAL LEARNING
At Model Lab, our middle school students

- Further develop disciplinary skills through project-based learning.
- Apply concepts and skills to explore issues in their community and lives.
- Enhance social and interpersonal skills.

“Model was a great place to go to school! Some of my strongest memories from there are from hands-on activities in middle school. Many students don’t get these opportunities until they’re already in college.”
— Josh Collier (’18), Student at Columbia University
HIGH SCHOOL
GRADERS 9-12

Our challenging high school curriculum prepares the next generation of leaders through participation in service, extracurricular activities and scholarship.

- Mastery of Model Core competencies.
- Specialization through a range in college and career pathways.
  - Broadcasting and electronic media
  - Visual and performing arts
  - Entrepreneurship
  - Engineering and design
  - Coding and data science
  - Health sciences
  - Aviation (flight and management)
- College credit opportunities.
  - Dual credit offered at Eastern Kentucky University and taught by EKU faculty
  - Advanced Placement® courses and exams
- Option to earn the prestigious AP Capstone Diploma™.
- Senior project – Investigation of an area of interest and development of a dissertation-like research project, paper, presentation and oral defense.
- Civic engagement and community service.
  - Annual service learning requirement

ACADEMIC EXCELLENCE

At Model Lab, our high school students

- Prepare for college through intensive liberal arts core curriculum.
- Develop disciplinary habits of mind.
- Take advantage of accelerated opportunities.
- Become leaders in the Model community through
  - Service
  - Extracurricular activities and athletics

“The rigorous courses I took at Model prepared me for a wonderful transition to college.”

— Mikaila Risser ('19), National Merit Scholar, Student at University of Kentucky

Photo by: William McArthur, 2018
MODEL LAB

MODEL LABORATORY SCHOOL
AT EASTERN KENTUCKY UNIVERSITY

ESTABLISHED 1906
#1 PUBLIC HIGH SCHOOL IN MADISON COUNTY RANKINGS BY NICHE
AP ONLY SCHOOL IN REGION
CAPSTONE DIPLOMA

BEST HIGH SCHOOLS
U.S. NEWS 2019

YOU CAN BE PART OF IT.

96% OF FACULTY HOLD ADVANCED DEGREES
100% GRADUATION RATE

25 ACT SCORE

COLLEGE CREDITS 521 EARNED IN 2018
SERVICE 6322 HOURS IN 2018

$2 MILLION IN SCHOLARSHIP$
AN EXPERIENCE THAT LASTS A LIFETIME.
SOMETHING FOR EVERYONE

At Model Lab, our students

• Participate in extra-curricular clubs and organizations.
• Find their niche.
• Develop team and leadership skills.

All students participate in extra-curricular programs. Model offers more than 30 clubs and sports programs.

- 4H
- Academic Team
- Adventure Club
- Art Club
- Chess Club
- Chorus
- Class Officers
- Diversity Union
- Drama and Theatre
- Engineering and Robotics
- Future Business Leaders of America (FBLA)
- Future Problem Solvers
- Fellowship of Christian Athletes
- First Priority
- Future Problem Solvers
- Girls on the Run
- History Club
- Humane Society
- Key Club
- Kentucky Youth Assembly (KYA)
- Kentucky United Nations Assembly (KUNA)
- Mock Trial
- National Honors Society
- Odyssey of the Mind
- Patriot Pals
- Pat’s Pantry
- Pep Club
- Pep Band
- Random Acts of Kindness
- Science Club
- Spanish Club
- Speech and Debate
- Student Council
- Student Technology Leadership Program (STLP)
- Tri-M – Music Honors Society
- Ukulele Club
- Yearbook
- Young Democrats
- Young Republicans

“The opportunities I’ve had by joining clubs at Model have given me a better learning experience. I love knowing that there are always places I belong!”

— Allie Shaffer (‘21)
Model offers a variety of athletic programs sanctioned through the Kentucky High School Athletics Association.

- Archery
- Baseball
- Basketball
- Cheerleading
- Cross-Country
- Dance
- eSports
- Golf
- Soccer
- Softball
- Swimming
- Tennis
- Track
- Volleyball

At Model Lab,

- 80% of our Model students participate in athletics.
- The Patriots take great pride in a competitive and successful athletic program.

"Participating in the athletic program has really been a catalyst for my leadership skills. It’s a unique way to practice overcoming obstacles and adversity."

— McKenna Tuttle (’21), Madison County All-District Soccer Team 2019

SPIRIT AND COMPETITION

Model Lab, Madison County
ENRICH YOUR LEARNING

At Model Lab, we offer

• After school programming and care available.

• Summer programs to enhance and sustain classroom-based learning.

ENRICHMENT PROGRAMS

• Engaging, entertaining learning opportunities beyond school hours through our Extended Learning Program.

• Summer enrichment and continuous learning opportunities.

• School-wide and grade-level shared experiences and courses.

“The Extended Learning program has been invaluable for our family. The program is truly an extension of the school day, but in a fun and relaxed way.”

— Cristina Tofan, Model Parent
PERSONALIZE YOUR LEARNING

Model Lab offers

• Differentiated programs to meet students' needs.

• Opportunities for extended research projects based on students' own interests.

STUDENT SERVICES

Model provides a robust student services program, including:

• Gifted and Talented Services
  Maximizing abilities of students, primary through high school, to nurture individual gifts and talents.

• English Language Learners Program (ELL)
  Literacy support for a diverse population representing nine languages.

• Special Education Program
  Supporting students, staff and families by using data to provide effective, evidence-based instruction and services to ensure student growth and successful transition.

• Counseling
  Specialty-trained counseling staff include a counselor focused on assisting students with college admissions, a counselor focused on addressing social and emotional wellness, and a school psychologist.

• Academic Showcases
  Authentic opportunities to collaborate, publish, present and showcase work publicly.

“The support we have received from Model has gone above and beyond my expectations.”

— Gwen Isaacs, Model Parent
EKU Board of Regents establishes tuition and fees annually.

- **Tuition**
  Compared to other private schools in the region, Model provides an excellent and unique education for a reasonable cost.

- **Financial Aid**
  Families may be eligible for need-based financial assistance, as determined by a financial aid committee after review by FAIR, an independent financial review organization.

- **Multiple Student Discount**
  Families with multiple children enrolled at Model receive a discount.

Recent graduates are attending prestigious institutions such as:
- Columbia University
- Asbury University
- The Ohio State University
- University of Alabama
- University of Tennessee
- University of Connecticut
- Eastern Kentucky University
- Bellarmine University
- DePaul University
- Transylvania University
- University of Kentucky

“I feel like I’m setting my kids up to be college-ready. Model is helping them achieve a higher potential.”

— Mary Jo Baker, Model Parent
Model accepts applications throughout the year and maintains a waiting list.

- Applications for Kindergarten through 12th grade may be made at any time after a child’s second birthday.
- A student who will be 5 years old by August 1 of the enrollment year can enter Kindergarten.
- Students are admitted first come, first served based on date of application.

JOIN OUR FAMILY

- Educational programming for K through 12th grade.
- Approximately 700 students attend Model, supported by a team of more than 80 faculty and staff.

“The opportunities they gave me here are countless. I got to grow up bonding with my classmates, and I got to know my teachers better. The whole environment plays a huge role in high academic achievement.”

— Christopher Otieno (’19), Student at University of Kentucky

Apply online at:
model.eku.edu/application-admission

Schedule your tour and visit today!
Contact Beth Campbell
Phone: (859) 622-1038
Email: Beth.Campbell@eku.edu

*Exception: Model and EKU faculty
ABOUT US

- Located in the heart of the Bluegrass in Richmond, Kentucky, on the campus of Eastern Kentucky University.

- Conveniently located just 22 miles from Lexington.

Easily accessible throughout the region via Interstate 75.

<table>
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<td>Downtown</td>
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</tbody>
</table>
“Education is not ‘telling' and being told, but an active and constructive process.”

— John Dewey, Educational Philosopher