



OLD KENTUCKY HOME

MIDDLE SCHOOL

2024-2025

Course Catalog

Table of Contents

Middle School Program of Studies	Page 3
English Language Arts Course Descriptions	Page 4
Mathematics Course Descriptions	Page 5
Science Course Descriptions	Page 6
Social Studies Course Descriptions	Page 7
Pre-Ignite Course Descriptions	Page 8
Agriculture Course Descriptions	Page 9
Aerospace Course Description	Page 9
Air Force JROTC Course Description	Page 10
Arts-Performing Course Description	Page 11
Arts-Visual Course Description	Page 12
Business Course Description	Page 13
Health & Wellness Course Descriptions	Page 14
Leadership Course Descriptions	Page 15
Upcoming Deadlines	Page 16
QR Codes	Page 17



OKH Middle School Program of Studies

Middle School Course Offerings

Grade 6	Grade 7	Grade 8
English	English	English
English Language Arts 6 English Language Arts 6 Honors	English Language Arts 7 English Language Arts 7 Honors	English Language Arts 8 English Language Arts 8 Honors-Pre-Ignite
Math	Math	Math
Mathematics 6 Mathematics 6 Honors	Mathematics 7 Mathematics 7 Honors	Mathematics 8 Algebra 1- Pre-Ignite
Science	Science	Science
Science 6: Planet Earth	Science 7: Intro to Chem, Phys, & Bio	Science 8: Ecology & Human Impact
Social Studies	Social Studies	Social Studies
Social Studies 6: Ancient Xplorations	Social Studies 7	Social Studies 8: US History
Agriculture	Agriculture	Agriculture
Intro to AG	Intro to AG Advanced AG	Intro to AG Advanced AG AG Collab: Principles of Ag (HS Cred) & Science (HS Cred)
Aerospace/STEM	Aerospace/STEM	Aerospace /STEM
Ascend/STEM Rotation	Ascend/STEM Rotation	Ascend/STEM Rotation
Arts-Performing	Arts-Performing	Arts-Performing
Beginning Band Mixed Choir	Beginning Band Advanced Band Mixed Choir Jazz Band	Beginning Band Advanced Band Mixed Choir Jazz Band
Arts-Visual	Arts-Visual	Arts-Visual
Visual Art Multi-Media Art Nrgizer/Yearbook	Visual Art Multi-Media Art Nrgizer/Yearbook	Visual Art Multi-Media Art Nrgizer/Yearbook
Air Force JROTC	Air Force JROTC	Air Force JROTC
		Air Force JROTC 1 (HS Cred) Health & P.E. (HS Cred)
Business	Business	Business
Junior CEOs	Junior CEOs Futurepreneurs	Junior CEOs Futurepreneurs Principals of Marketing (HS Cred)
Engineering	Engineering	Engineering
Not Offered	Not Offered	Principals of Engineering (HS Cred) & Algebra 1 (HS Cred) & Science
Health and P.E.	Health and P.E.	Health and P.E.
Wellness Student Leadership General Wellness Weightlifting Leadership	Wellness Student Leadership General Wellness Weightlifting Leadership	Wellness Student Leadership General Wellness Weightlifting Leadership
Leadership	Leadership	Leadership
Archetix Wildcat Leader Mentality 101	Archetix Wildcat Leader Mentality 101	Archetix Wildcat Leader Mentality 101



English Language Arts

6 th Grade ELA	7 th Grade ELA
Empowered Voices: Writing for Change and Community" is a 6th grade ELA course focused on honing students' writing skills while exploring themes of community, impact, and engagement. Through dynamic lessons, students learn to craft narratives that inspire positive change and connection. This course emphasizes the importance of contributing meaningfully to their communities and empowers students to become confident writers with a purpose.	Reading -Leadership Writing -Narrative Speech (What leadership skills do I have to contribute to an organization?) Reading -Organizational Values- Writing -Informative Magazine Article (How do we demonstrate one of our school's LEAD values?) Reading -Editorials, influential factors- Writing -Argumentative Editorial (What is the most influential factor in the development of a community?) (Create Social Media Campaign) Reading -Education and Next Generation Learning Communities Writing -Argumentative Essay-(Argue what is the top priority for next generation learners?)
8 th Grade ELA	8 th Grade ELA *Honors*
The idea of ELA Class serving as a pathway for LEAD Learners to develop essential skills in critical thinking and effective communication, which are crucial for success in various aspects of life. The class goal is to prepare students to navigate challenges, analyze information, and express themselves clearly and confidentially.	Preparing students to enter the dual credit pathway in high school where ELA 8/9 READING and Writing Standards will be taught. This course is designed for students who have the ability to be pushed beyond the 8th grade standards. Additionally, this course is for accelerated reading, writing, speaking and listening skills. *Prerequisite: Recommendation from 7th grade ELA teacher.



Mathematics

6th Grade Math

In 6th Grade Mathematics students will extend previous understandings of multiplication and division to divide fractions by fractions. Multiply and divide multi-digit numbers and find common factors. Additionally, students will solve real world problems involving area, surface area and volume, while developing an understanding of the process of statistical reasoning.

7th Grade Math

In 7th grade Mathematics, instructional time will focus on four critical areas: Developing an understanding of and applying proportional, operations with rational numbers and working with expressions and linear equations, solving problems involving scale drawings and informal geometric constructions and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume and drawing inferences about populations based on samples.

8th Grade Math

In 8th Grade mathematics students will recognize, understand and analyze linear equations. Additionally, students will use functions to model relationships between quantities. Understand and apply Pythagorean Theorem while solving real-world problems involving volume of cylinders, cones and spheres.



6th Grade Science

Get Earth Processes

Embark on a captivating journey through the realms of Earth science in this comprehensive course, which delves into the intricacies of Earth's place in the universe, geoscience processes, weather and climate phenomena, forces and motion, and the dynamics of populations and ecosystems. Starting with an exploration of Earth's cosmic context, transitioning to geoscience processes, students will uncover the forces shaping Earth's surface. Then students will venture into the atmosphere, as they analyze weather patterns and climate systems, understanding the complex interactions driving Earth's dynamic weather phenomena and climate change. Moving from the grand scale to the minutiae of forces and motion, students will investigate the principles governing motion, energy, and gravity, providing a foundation for understanding natural phenomena and technological innovations. Finally, the course concludes with a deep dive into populations and ecosystems, exploring the intricate web of life on Earth, from biodiversity and ecological relationships to the impact of human activities on ecosystems.

Science

7th Grade Science

Intro to Chemistry, Physics and Biology

Integrated Science offers a comprehensive exploration of chemistry, waves, energy, cellular biology, and body systems, weaving together fundamental scientific principles into a cohesive curriculum. Beginning with the basics of chemistry, students delve into matter, atoms, and chemical reactions, bridging theory with practical applications. Transitioning to waves and energy, students investigate the properties of waves and the transformative nature of energy, recognizing their impact on natural phenomena and technological advancements. Moving into cellular biology, students explore the intricate world of cells, understanding their functions and metabolic processes. Finally, the course culminates in an examination of human body systems, emphasizing their interdependence and role in maintaining health. Through the scientific process of modeling, investigation design, engineering processes, discussions, and research projects, Integrated Science equips students with critical thinking skills and scientific literacy, preparing them to navigate complex scientific landscapes and make informed decisions in an ever-evolving world.

8th Grade Science

Set out on an amazing journey through the wonders of life sciences in this course as we delve into the fascinating realms of the geologic time scale, human impact, genetics, and artificial selection. Discover how the Earth's history is intricately woven into the evolution of life forms over millions of years on the geologic time scale, unravel the profound effects of human activities on our planet's ecosystems, explore the building blocks of life through the study of genetics, and learn how humans have shaped the genetic traits of organisms through artificial selection. Join us in unraveling the mysteries of life through a multifaceted exploration of these captivating topics.



Social Studies

6th Grade Social Studies Ancient Xplorations	7th Grade Social Studies World History 600-1600
Students work toward investigating the emergence and development of civilizations in River Valleys and Classical Empires between 3500 BCE-600 CE. Students will EXPLAIN the origins, functions and structures of governments. Students ILLUSTRATE how markets exist wherever there is an exchange of goods and services. Students COMPARE how human and environmental characteristics of a region influenced the movement of people, goods and ideas. Students will ANALYZE the origins and development of early world religions. Through an understanding of ancient history, students develop an appreciation for the foundations of the modern world.	In 7th grade social studies, we will explore the human story from the years 600 CE to 1600 CE. The beginning of our journey through history begins with the fall of the Roman Empire and its aftermath, and continues with exploring various civilizations from all over the world. By studying history, we will try to gain insight into what it means to be human.
8th Grade Social Studies United States History: Beginning until 1877	
In this 8th-grade social studies course, students will embark on an exciting journey through the history of the United States, from its earliest beginnings to the end of the Reconstruction era in 1877. Through engaging discussions, interactive activities, primary source analysis, and multimedia resources, students will explore the key events, people, ideas, and transformations that have shaped the nation's development.	



Agriculture

Our Mantra: Our students might not go on to be the next farmer, veterinarian, botanist, plant scientist, or any job involved in the agricultural field. But they will go on to be consumers of agriculture. Our goal is to prepare them to make educated decisions about their food and how it is produced, and to cultivate them through premier leadership, personal growth, and career success.

Intro to Ag

The Introduction to Agriculture course will serve as a "taste" of agriculture and our role in it. This course will change over in December. Some of the topics explored include an in depth look at the animal science field, agriculture communications, and an explorer FFA Unit.

Prerequisites: None

Advanced Ag

Course Description: The Advanced Agriculture course will be offered to students who have previously been enrolled in Intro to Agriculture. This is a half-year course that will alternate in December/January. This course will explore a more in-depth look at agriculture topics covered in Introduction to Agriculture, and focus on hands-on learning in topics of Horticulture, Animal Science, Floral Design, and Woodworking.

Prerequisites: Intro to Agriculture

Principals of AG

The Principles of Agriculture course here at OKH will count for H.S credit for those students wishing to continue the pathway into high school. This will count as their traditional "First year" agriculture class at the high school. This allows for students to jump right into their desired agriculture classes upon leaving OKH. In addition, this course is a year-long course. Students will cover a variety of topics ranging from Animal Science, to Agriculture Mechanics.

Prerequisites: Intro to Ag OR Intro to Animal Science, Advanced AG, OR teacher approval.



Aerospace/STEM

Students will be transported daily to Samuel's Field Airport to explore the history of aviation, principles of flight, space travel and careers in aerospace for 9 weeks. Additionally, students will spend 9 weeks in our new renowned STEM Lab located at OKH. There students will experience hands-on learning with programs that are aligned with the UP Center.

Air Force JROTC

Students will be transported daily to Samuel's Field Airport to explore the history of aviation, principles of flight, space travel and careers in aerospace for 9 weeks. Additionally, students will spend 9 weeks in our new renowned STEM Lab located at OKH. There students will experience hands-on learning with programs that are aligned with the UP Center.



Arts-Performing

Here at OKH, and across Nelson County, we value and promote the Fine Arts. Within OKH's Music Program, students learn the fundamental and foundational skills of making music in a collaborative environment. Whether it be vocal or instrumental, students will learn how to read and understand modern musical notation, utilize correct musical technique in tone production, and learn the skills necessary to contribute to a collective group ensemble performance.

Beginning Band	Advanced Band
This course allows you to learn the basics of how to read music and play an instrument. By the end of this year-long course, you will have: learned to read and understand how music is written, learned the basics of how to play an instrument of your choosing, and performed on multiple public concerts. The instruments available for you to pick from are: Flute, Clarinet, Saxophone, Trumpet, Trombone, and Mallet/Battery Percussion. **There is NO prior musical experience needed. Anyone is welcome in this class! It is designed to start at the very beginning for those who don't know anything about instrumental music.	This is the continuation of our band program progression; this course is designed for students who already have a basic understanding of both how to read music, as well as how to play their instrument of choice. One year of prior band or private lessons are necessary for students to typically perform well in this course. Similarly to Beginning Band, this is a year-long course.
Mixed Choir	Jazz Band
This class focuses on the techniques and skills necessary for proper vocalization and performance of vocal music/singing. This class will start with the basics of music concepts such as reading music, correct vocal tone production, posture, and performance etiquette. This year-long course is open to anyone who likes to sing, and is willing to sing with a group. No experience in music or choir is necessary; this class is open to anyone.	For students who would like a second band experience during the day, this semester-long course on Jazz will cover the technique, history, and unique aspects of jazz music. Students will learn about what makes jazz a unique art form, through improvisation practice, solos, and traditional and modern jazz charts. This class is only open to students who are at the Advanced Band level, and should be signed up for in addition to their Advanced-Band class period.



Arts-Visual

The art classroom is a space for students to explore the world around them through experimenting with the arts. Students can express themselves through their work by building communication



Business

Are you a planner or organizer? If so, you may want to consider a career in business. A business can be defined as an organization where people work together to produce, sell or provide a service to the public. These individuals may run their own business or support others who do. You'll find these professionals supporting all career clusters.

Junior CEOs	Future Entrepreneurs
Discover what it takes to be a successful CEO as you learn about business basics, marketing strategies, and the importance of innovation. Through hands-on activities and fun projects, you'll develop essential skills that'll make you a success! You'll have the opportunity to participate in our NEW Wildcat Store and FBLA (Future Business Leaders of America). Become a part of the next generation of business leaders - get ready to think big, dream big, and become a Junior CEO!	Continue building on your knowledge from the JUNIOR CEOs class - In FUTUREPRENEURS, you'll explore careers in the Business and Marketing world that you never knew existed. From learning how to create buzz-worthy ads to dreaming up your own startup, get ready to unleash your inner entrepreneur! You'll have the opportunity to participate in our NEW Wildcat Store and FBLA (Future Business Leaders of America). So, if you're ready to turn your big ideas into big success, join us in "FUTUREPRENEURS" and let's make some business magic together!
Principles of Marketing	
Discover the secrets behind the ads you love and the brands you can't get enough of! This course isn't just about watching commercials – it's your backstage pass to the world of business and advertising. You'll also get a taste of what it's like to run your own business and market your ideas to the world. You'll be taking the lead on launching our WILDCAT STORE where you will create, design, and sell OKH merch for students to purchase. And, the best part? You'll earn high school credit while you do it! You'll be locked into FBLA (Future Business Leaders of America) where you will have the opportunity to compete in the Middle School competitions for the W.	



Health & Wellness

The goal of physical education is to provide Kentucky students with the knowledge and skills needed to establish and maintain physically healthy lifestyles. According to the Shape of the Nation Report (2016), “studies show that active and fit children consistently outperform less active, unfit students academically in both the short and the long term. They also demonstrate better classroom behavior, greater ability to focus and lower rates of absenteeism.” As a result, students need exposure to a quality physical education program that includes opportunities for the exploration of a variety of lifetime physical activities.

General Wellness

In this course, it will be for students who don't necessarily enjoy working out. These students will be constantly moving in P.E by playing games, and have wellness assessments when applicable.

Weightlifting Leadership

In this class, students will lift and condition, work on leadership skills.



Leadership

ArchetiX

Wildcat Leaders

A dynamic LEADership class designed to empower LEAD Learners as the builders of their school's culture and climate. Through a combination of care, conneXion, and creativity, LEAD Learners will take the LEAD role shaping the environment in which they learn and grow. LEAD Learners will develop an understanding of the importance of fostering a positive and inclusive community. LEAD Learners will eXplore the foundations of building strong relationships. developing empathy, and cultivating a sense of belonging among peers. LEAD Learners will learn the value of collaboration and effective communication while planning and eXecuting annual rituals and traditions that enhance the school eXperience for all. By the end of the course LEAD Learners will emerge as confident and compassionate LEADers equipped with tools to continue shaping a school culture rooted in care, conneXion, and meaningful traditions. *An application must be completed.	OKH Wildcat Leaders provide support to their peers in a gifted minds classroom. Students must have the desire to work with students with exceptional needs. Any previous work mentoring or working with students with disabilities is a plus. *An application must be completed.
Mentality 101	
This course is designed for young men to enhance mental and physical strength. Students will set weekly FITT goals by engaging in physical wellness three days a week centered around their FITT goals. Additionally, students will read and write independently four days a week while practicing communication soft skills with the end result students will lead daily.	

Upcoming Deadlines

Boston Elementary School	
Scheduling Cards (returned to school)	Tuesday, April 23rd
Scheduling Request (input to Infinite Campus @ School)	Friday, April 26th

New Haven Elementary School	
Scheduling Cards (returned to school)	Tuesday, April 23rd
Scheduling Request (input to Infinite Campus @ School)	Friday, April 26th
Foster Heights Elementary School	
Scheduling Cards (returned to school)	Thursday, April 25th
Scheduling Request (input to Infinite Campus @ School)	Tuesday, April 30th
Cox's Creek Elementary School	
Scheduling Cards (returned to school)	Thursday, April 25th
Scheduling Request (input to Infinite Campus @ School)	Tuesday, April 30th
Old Kentucky Home Middle School	
Scheduling Cards (returned to school)	Tuesday, April 30th
Scheduling Request (input to Infinite Campus @ School)	Thursday, May 2nd

Helpful QR Codes

ArchetiX Application	
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Ngizer-Yearbook Application	
Wildcat Leader Application	
OKH “Blueprint” Scheduling Website	