

Little Axe High School

Course Catalog

Dear Students,

The counseling staff at Little Axe High School hopes that you find this Course Catalog helpful and useful. Enrolling and planning for your future is extremely important, whether you are planning for one year of additional training, an Associate's Degree, a Bachelor's degree or more. Please take your time to work with your parents as you select courses. The LAHS schedule is created new every year based on the courses selected by students. Select courses that will help you achieve your goals.

Sincerely,
Mrs. Harp

Oklahoma's Promise Core Curriculum

4 Units-English
3 Units-Science
3 Units-Math
3 Units-History
2 Units-World Language
or
2 Units Computer Tech
1 Unit-Additional unit of subjects
listed above
1 Unit-Fine Arts

17 Total Units OHLAP Core
Overall GPA (transcript)
= 2.5 or above

Oklahoma residents in the 8th, 9th,
or 10th grade whose parents earn
\$55,000 or less per year may apply
for free college tuition.

More information:

1-800-828-1840

www.okhighered.org/okpromise

www.okpromise.org

Frequently asked questions

Should I take a world language in high school?

Yes- College Preparatory. Curriculum requires two units of the same world language or two units of computer technology. We highly recommend two years of a world language.

Do I need to take a computer class in high school?

Yes- All students must complete at least one computer course before graduating from high school. You will be enrolled in it your freshman year.

Do my math units have to include Algebra I, Geometry, & Algebra II?

Yes, Colleges still require Algebra I, Geometry, and Algebra II if you are going to attend college. We highly recommend a fourth year math your senior year. If you are "Core" you may take Math and Finance as a third math.

When will I take the ACT test?

Sophomores will take the Pre-ACT test at school. Juniors will take a free state required ACT test at school one time. You can sign up for the ACT test at ACT.org.

Weighted G.P.A- All Advanced Placement (AP) and concurrent courses will have weighted GPA scale. Final grades will be on a 5.0 scale.

What is "Concurrent Enrollment"?

Concurrent enrollment gives students an opportunity to earn college credits while in high school. Students should take the ACT test and score a 19 to be considered for enrollment.

To enroll in a course (ex. English) you must have a 19 in that ACT section. See your counselor for the concurrent form as well as a copy of your transcript.

Classification: In order to be promoted to the next grade level, student must have acquired credits as follows:

9th to 10th grade: Student must have earned at least five (5) credits

10th to 11th grade: Student must have earned at least eleven (11) credits.

11th to 12th grade: Student must have earned at least seventeen (17) credits

12th grade: To be classified as a senior, the student must have academic standing that would qualify them to graduate during the current school year.

NAIA

For more information and eligibility requirements visit NAIA.org

Little Axe High School Graduation Check

Core Curriculum Requirements 24 Units

Units

English (4 units required)

- *English I
- *English II
- *English III/AP English III
- *English IV/AP English IV

Mathematics (3 units required)

(Including Algebra I)

- *Algebra I
- Geometry
- Algebra II
- Algebra III
- Pre-Calculus
- Math and Finance

Science (3 units required)

(Including Biology I)

- Physical Science
- *Biology I
- Chemistry
- Environmental Science
- Physiology
- Physics

Social Studies (3 units required)

- *OK History/World History
- *Geography/*Government
- *US History Present
- Asian History/European History

Fine Arts (1 unit)

Computer Tech/World Language (1 unit)

Personal Financial Literacy (1/2 unit)

Electives (8 1/2 units)

College Preparatory Curriculum Requirements 24 Units

Units

English (4 units required)

- *English I
- *English II
- *English III/AP English III
- *English IV/AP English IV

Mathematics (3 units required)

(Including Algebra I, Geometry, & Algebra II)

- *Algebra I
- *Geometry
- *Algebra II
- Algebra III
- Pre-Calculus

Science (3 units required)

(Including a Physical Science and Biology I)

- Physical Science
- *Biology I
- Chemistry
- Environmental Science
- Physiology
- Physics

Social Studies (3 units required)

- *OK History/World History
- *Geography/*Government
- *US History Present
- Asian History/European History

1 Additional Unit from above

Fine Arts (1 unit)

Computer Tech or World Language (2 units)

+ 1 more unit of computer or World Language

Personal Financial Literacy (1/2 unit)

Electives (5 1/2 units)



Certificate of Distinction

GPA: 3.5 or higher

English: 4 Units

Math: 4 Units

Science: 4 Units

History: 4 Units

World Language: 2 Units + 1 Unit Computer Technology or

Computer Technology: 2 Units + 1 Unit World Language

Fine Arts: 2 Units

Personal Financial Literacy: 1/2 Unit

Electives: 2 1/2 Units

Fine Arts

Band I, II, III, IV

1 Unit * Grades 9, 10, 11, 12

Prerequisite: Successful completion of a middle school band program or department approval.

Vocal Music I, II, III, IV

1 Unit * Grades 9, 10, 11, 12

Junior Varsity Show Choir

1 Unit * Grades 9, 10, 11, 12

Prerequisite: Department approval

Varsity Show Choir

1 Unit * Grades 9, 10, 11, 12

Prerequisite: Department approval

Art I

1 Unit * Grades 9, 10, 11, 12

Prerequisite: None

Introduction to design basics, drawing and painting. Art production relates to the study of design elements and principles.

Art II, Art III, Art IV

1 Unit * Grades 10, 11, 12

Prerequisite: Art I

Students take the information learned in Art, expand their knowledge of the Elements of Art and focus more on incorporating them into the Principles of Art, as well as a more in depth study of Art History and the artists. Students also learn more advanced techniques through drawing and painting.

Ag Communications

1 Unit * Grades 10, 11, 12

* Student is required to join FFA.

Prerequisite: Agriculture Science/teacher approval
this course introduces students to the broad field of Ag communications. Content includes the role and history of electronic media, legal aspects of communication, news and feature writing in agriculture, news photography, ethics, and web layout and design.

World Language

Spanish I

1 Unit * Grades 9, 10, 11, 12

Prerequisite: None

An introduction course exposing basic language concepts in a predominantly conversation-oriented format, covering all materials in the Suggested Learner Outcomes of the State Education Department. Some aspects of Hispanic culture are discussed.

Spanish II

1 Unit * Grades 10, 11, 12

Prerequisite: Spanish I

Course delves a little deeper into the grammatical structure of the language. Attention is directed too spelling, pronunciation, grammar, and oral skills.

English

English

1 Unit Each

English I- English II- English III - English IV

Prerequisite: Students must take English courses in chronological order and receive a passing grade in each course.

Concurrent enrollment for English IV credit:

Dual credit for English IV will be allowed for students who complete English **Comp II** at an accredited college.

Secondary Level Honors Classes Requirements and Guidelines

1. For students to be in a core honors, pre-AP, or AP course, they must meet two (2) of the following three (3) options every year:
 1. A or B in the previous same content core class (honors or not)
 2. Teacher recommendation from the previous same content class.
 3. Take a placement test (developed by the site department).
2. Parents and/or students can request placement into honors, pre-AP, or AP courses, but the student will still have to meet the standards stated above.
3. Any student who has below 70% in any Honors, Pre-AP, or AP class at any time may be removed by an administrator from that course. Teacher, parent, or students can request removal from these classes.

English I *Honors

1 Unit * Grade 9

Prerequisite: Department Approval

Honors English I is the introductory course of Advanced Placement studies in Language Arts. Students are expected to hone their skills in formal grammar and sentence structure, succinct and clear writing, advanced vocabulary, and critical reading. In preparation for the rigors of future AP classes, students develop the habits of reading and writing independently both in and outside of class

English II *Honors

1 Unit * Grade 10

Prerequisite: Department Approval

Honors English II is designed to accommodate the incoming sophomores who either excel at or choose a rigorous immersion in the study of language arts. Honors English class; rather, it is an introduction to AP Language and Composition (Juniors) and AP Literature and Composition (Seniors), both of which are taught at the college level and are guided by recommendations from the College Board. Honors English II is a challenging and rigorous course; the academic requirements and expectations are above grade level.

AP English III

1 Unit * Grade 11

Prerequisite: Department approval

Advanced Placement. English Language and Composition focuses on the reading and writing skills students need for college success. The reading and writing done in this class focuses on how the written language functions rhetorically. At the end of the year, students have the option to pay for and take the AP Language and Composition exam. Students who earn a qualifying score may receive college credit for the course.

AP English IV

1 Unit * Grade 12

Prerequisite: Department approval

An ACT reading score of 19 or higher is suggested, but not required.

Advanced Placement English Literature and Composition is a literature-based writing class that emphasizes reading and writing skills students need for college success. Through the close reading of selected texts, students will focus on the ways writers use language to create meaning. At the end of the year, students have the option to take the AP Literature and Composition exam. Students who earn a qualifying score may receive college credit

Math

It is highly recommended that students take at least one math class during their senior year in order to perform well on the ACT and the college math placement exam. Data has proven that the students who are not math active during their senior year are more likely to be required to take math remediation classes in college.

Listed below is the common path of study: Algebra I, Geometry, Algebra II, Algebra III, Pre- Calculus, AP Calculus AB, AP Calculus BC

Algebra I

1 Unit * Grade 9, 10

This course include a review of fundamental arithmetic concepts as applied to Algebra I topics. Some topics studied include graphing linear functions, solving linear equations, rational expressions, linear inequalities, factoring, operations, fractions, and systems of equations.

Geometry

1 Unit * Grades 10, 11

Prerequisite: Algebra I

This course is designed to that students understand the basic structure of plane and solid geometry. Topics studied include coordinate geometry, properties of polygons and circles, ratio and proportion, basic trigonometry, and area and volume of geometric figures. Algebraic skills are reviewed and strengthened through application in solving geometry problems.

Algebra II

1 Unit * Grades 11, 12

A continuation of Algebra I with an emphasis on the real and complex number systems, solving linear and quadratic equations and inequalities by various methods, using coordinate geometry and graphing, solving systems of equations and introduction of logarithms, trigonometry, or other areas of mathematics.

AP Course Policies:

AP students enrolled in an AP course are strongly suggested to take the corresponding AP exam in order to attain possible college credit. Students must pay for the exam up front. Each student scoring a passing exam grade will be reimbursed the exam fee.

Algebra III

1 Unit * Grades 11, 12

Prerequisite: Algebra I, Geometry, Algebra II

Algebra III will prepare students for a first-year collegiate level math class. It is strongly recommended for students who plan to attend college and want to avoid remediation. This course goes beyond the Oklahoma Academic Standards and includes a more in depth study of algebraic concepts and their application. Critical thinking skills and high-order thinking are emphasized in this course.

Pre-Calculus

1 Unit * Grade 11, 12

Prerequisite: Algebra I, Geometry, Algebra II

Pre-calculus will complete the mathematical background necessary to prepare for an Advanced Placement Calculus course or a college calculus course. This Course emphasizes real-world problem solving and technology integration. Students will explore advanced topics including functions, limits and derivatives from algebraic, graphical, and numerical perspectives.

Mathematics of Finance

1 Unit * Grade 11, 12

This course fulfills the 3rd math requirement for graduation with a general diploma, but not for graduation with the college prep/work ready diploma as set by the state. This course is meant to help students make the connection between the math that is taught in traditional math courses and the real life math required to function as an adult in our society. Topics include personal earning power, financial management, computing federal income tax, the financial aspects of making major purchases, and developing a personal budget.

Science

Physical Science

1 Unit * Grade 9

Prerequisite: None

This course is directed toward a more inclusive spectrum of the basic physical sciences. Laws of motion, energy, power, work, nuclear energy, light, sound, electricity magnetism, chemistry, environment, resources, astronomy, and space exploration are included in this course.

Biology I

1 Unit * Grade 9, 10

Prerequisite: None

Students will be involved in gathering data to construct or "invent" concepts or ideas. Some of the concepts covered are what is an organism, classification, cell transport, nutrition, body systems, and the ecosystem. Each topic is developed and expanded to include modern developments.

Chemistry I

1 Unit * Grades 10, 11, 12

Prerequisite: Biology I

The course covers such topics as the arrangement of the periodic table, scientific measurements, problem solving, behavior of gases and gas laws, properties of acids and bases, atomic structure, atomic theories, stoichiometry, and states of matter. Students are expected to recognize and give correct chemical names and formulas and to balance chemical equations. The ability to apply math skills learned in prior math classes is a must.

Environmental Science

1 Unit * Grades 10, 11, 12

Prerequisite: Biology I

This course is a dynamic study of the components of the earth and how they interact. Students will explore the ecological relationships of endangered species, the impact of toxic materials on human health, the dispersing of pollutants into the air, and nuclear energy. This will involve the study of the natural resources (energy and material), the quality, and control of environmental changes, population growth and regulation, and land use, which includes pesticides, herbicides, and non-renewable resources.

Anatomy & Physiology

1 Unit * Grade 11, 12

Prerequisite: Biology I

Students will study the structure, systems, and functions of the human body. All major systems of the body are studied through labs, readings, and supplemental materials. Also contained in this course will be related topics as disease and disease prevents. This course is ideal for college preparation in any of the life sciences and specifically for students interested in any of the health related professions.

Physics

1 Unit * Grade 12_

Prerequisite: Algebra II

Physics is a course designed to challenge students who are interested in science beyond Chemistry and looking to go to college. Its main objective is to develop thinking skills, which will be valuable beyond the secondary school level. Among these skills are problem solving and analytical thinking. The class will cover mechanics including kinematics, Newtonian physics, work/power/energy, torque, and simple machines. If time allows it will cover the basics of electricity and magnetism, waves, sound, and optics

History

Oklahoma History

.5 Unit * Grade 9

The Oklahoma History section of this course emphasizes the geography, natural resources, exploration, and development of the state and political, economic, social, and cultural heritage of Oklahoma, from the earliest times to the present. The multi-cultural heritage of Oklahoma is explored through the study of Native Americans, major ethnic groups, and women and their contributions. The course underscores the interrelationships of world and American history, geography, government, and economics to Oklahoma's history and development.

Early US History

.5 Unit * Grade 10

This course covers the history of the United States from Post Civil War Reconstruction Era to Pre-World War 1 Imperialism. This course will introduce major social, political, economic, and cultural events that has shaped American society to this day.

Human Geography

.5 Unit * Grade 9

Introduces students to the systematic study of patterns and processes that have shaped human understanding and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences.

American Government

.5 Unit * Grade 10

The American Government course examines the role of government in today's society. The course looks at systems of governments around the world and compare and contrast these types. Also, in the semester course, students focus on the US Constitution, the three branches of government and the 27 amendments, including the Bill of Rights and how they influence our lives today.

U.S History

1 Unit * Grade 11

Students explore the cultural, social, economic, and political development of the United States from the end of the U.S. Civil War to the present. Particular attention is given to the emergence of the United States as a world power and its role in global conflicts of the 20th Century. Special attention is given to analysis and evaluation of primary source materials. This course prepares students for the state-mandated United States History test. **United States History students will be required to take an Oklahoma mandated end-of course exam.**

European History

.5 Unit * Grade 12

The content focuses on European history.

Asian History

.5 Unit * Grade 12

The content focuses on Asian history.

Economics

.5 Unit * Grade 12

This one semester Economics course will emphasize the free enterprise system and its benefits. The focus is on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students will examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system. Types of business ownership and market structures are discussed, as are basic concepts of consumer economics. The impact of a variety of factors including geography, the federal government, economic ideas from important philosophers and historic documents, societal values, and scientific discoveries and technological innovations on the national economy and economic policy is an integral part of the course.

Electives

S4S Pal

.5-1 Unit * Grade 9, 10, 11, 12

Team up with a student of special needs. Be their tutor during 1 class period, help them navigate the classroom. OR join Special Olympics and be a team buddy.

Athletics

.5-1 Unit * Grade 9, 10, 11, 12

*Must have physical and RankOne forms completed

Football, Slow-pitch, Track, Cross Country, Fast Pitch, Wrestling, Basketball, Tennis

Weightlifting I & II

.5-1 Unit * Grade 9, 10, 11, 12

*Must have physical and RankOne forms completed

*Students must compete during competition times. Coach approval.

Cheer

1 Unit * Grade 9, 10, 11, 12

*Must have physical and RankOne forms completed, coach approval following try-outs.

Health/PE

.5-1 Unit * Grade 9, 10, 11, 12

Student will learning the importance of health in different aspects of live, nutrition and physical education.

Academic Team

.5-1 Unit * Grade 9, 10, 11, 12

Student participate in practicing academically competition against other schools. Travel a must.

Current Events

.5 Unit * Grade 9, 10, 11, 12

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion.

Service Learning

.5 Unit * Grade 9, 10, 11, 12

Service Learning is an integrative experience through which learners engage in thoughtfully organized actions in response to community identified assets and needs. Experiences are designed to be reciprocal exchanges of knowledge and resources accomplished through service and reflection.

Class Progression				
Grades	9th	10th	11th	12th
English				
English I	x			
English II		x		
English III			x	
English IV				x
Math				
Algebra I	x			
Geometry		x		
Intermediate Alg			x	
Math of Finance			x	
Algebra II			x	
Algebra III				x
Pre-Calculus				x
Social Studies				
OK History	x			
World History	x			
Geography		x		
US Govern't		x		
US History			x	
Asian History				x
European History				x
Science				
Physical Science	x			
Biology		x		
Chemistry			x	x
Anatomy/Physiology			x	x
Environmental Science			x	x
Physics				x
*Exception: If the student is ahead in a subject area. If the student has failed a course.				

CareerTech/Electives

Family & Consumer Science

FACS Basics

Unit 1 * Grades 9, 10, 11, 12

A comprehensive study designed with updated content areas of clothing, textiles, the developing preschool age child, housing and family lifestyles, and financial fitness in the home, human ecology, and food science.

FACS II

Unit 1 * Grades 10, 11, 12

Prerequisite: FACS Basics

Student will examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included.

Marriage and Family Life

Unit 1 * Grades: 10, 11, 12

Prerequisite: FACS Basics

This course examines how relationships between individuals and among family members significantly affect the quality of life. Student use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers.

Work Study I & II

(School & Community Partnership)

Unit 1 * Grades: 11, 12

Prerequisite: Must have a job and work more than 10 hours a week.

Computer Technology

Fundamentals of Technology

Unit 1 * Grades: 9, 10, 11, 12

This course introduces students to word processing concepts using Microsoft Word, Excel, PowerPoint, Internet doc concepts using to gain entry-level job skills. Students receive instruction in creating/printing documents, basic formatting and editing, search and replace, page formatting speller and thesaurus, merge, sort, graphics and tables/columns.

Fundamentals of Tech II

Administrative Technology

Unit 1 * Grades 10, 11, 12

More advanced skills in Word, Excel, and PowerPoint. Business concepts, document writing, business communication skills, 10-key, etc.

FFA/Agriculture

Introduction to Ag Science

Grades 9, 10

Prerequisite: Student is required to join FFA.

Introduction to Ag Science is a two-unit, foundational course offered at the ninth grade level. Course content emphasizes science-based approaches to the agricultural industry, natural resources, animal science, plant/horticulture and soil science, agricultural safety, agribusiness and economic principles, careers, and agricultural mechanics. Supervised experience and FFA are included in the course. Students would typically complete this course before enrolling in courses in the career pathways.

Animal Science

Grades 10, 11, 12

Prerequisite: Intro to Ag.

*Student is required to join FFA

The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches students how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any other outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animal.

Introduction to Horticulture

Grades: 10, 11, 12

Prerequisite: Intro to Ag.

*Student is required to join FFA.

*Offered in alternating years.

Introduction to Horticulture is the first course in the pathway in schools with a horticultural emphasis. It is for students who wish to develop knowledge and skills related to ornamental horticulture, including flowers, landscaping, vegetable, and greenhouse production. Content includes species and importance of horticultural plants, plants as living organisms, plant growth, and including the use of greenhouses and other growing structures. FFA and supervised experience are included as appropriate.

Intro to Ag Communications

1 Unit * Grades 10, 11, 12

* Student is required to join FFA.

*Offered in alternating years.

Prerequisite: Agriculture Science/teacher approval this course introduces students to the broad field of Ag communications. Content includes the role and history of electronic media, legal aspects of communication, news and feature writing in agriculture, news photography, ethics, and web layout and design.

Introduction Agriculture Power & Technology I

Unit 1 * Grades 10, 11, 12

*Student is required to join FFA.

*Offered in alternating years.

This is an introductory course for students interested in agricultural mechanics and power equipment. Content includes importance of agricultural mechanics; personal and employability safety; identifying, using, and maintaining common hand tools; metal fabrication; and preparing and using simple project plans.

Gen Tech Classes

Gen Tech I-IV

Manufacturing I-IV

1 Unit * Grade 9, 10, 11, 12

Cover basic residential construction and wood manufacturing.

Wildlife

1 Unit * Grade 9, 10, 11, 12

Introduction to and the study of Wildlife Management and most importantly conservation. Students successfully complete their Hunter Education course, introduced to the "Archer In Schools" program, "Hunting in Schools" and "Fishing In Schools". They will experience extracurricular activities of Archery and Skeet Shooting.

Forestry

1 Unit * Grade 10, 11, 12

Prerequisite: Wildlife

A continuation of wildlife management and conservation in depth as well as the courses and activities included in wildlife.

Shooting Sports

1 Unit * Grade 9, 10, 11, 12

*Coach Approval

Archery and Skeet Shooting. Competition. 2

Information can be found at

Littleaxeeps.org

Little Axe High School Facebook Page Download the "Little Axe Public Schools" App

**Sign up for the HS Counselor
Remind Notifications
TEXT Code to 81010**

Counselor -Class of 2022
12th Grade
@7df7eek

Counselor -Class of 2023
11th Grade
@cead9ad

Counselor -Class of 2024
10th Grade
@d3cgb8h

Counselor -Class of 2025
9th Grade
@4kfe83

Clubs/Organizations

BPA, Business Professionals of America

Sponsor: Mrs. Seaborn

Prerequisite: Must have taken a computers class.

Mission Statement: Our mission at BPA is to develop and empower student leaders to discover their passion and change the world by creating unmatched opportunities in learning, professional growth and service. BPA provides out students with opportunities for growth through education, competition, community service and personal development.

Academic Team

Sponsor: Mr. Dean

Join (Playing time based on how well you play....but even keeping score/clock helps)

2 teams of 4 compete at a quiz bowl. Buzzers. Points. Friends!

Academic team rules:

- 1) Winning is better than losing
- 2) Losing close is better than losing big
- 3) Losing big is still better than NOT playing.

Science Club

Sponsor: Mr. Dean

Join (\$5 dues)

Activities are based on the membership. Any STEM related activity is fair game. I can have presentations and hands on activities (such as the Norman Library Maker Lab or Robotics Class) come out here and demo/teach. We have also done overnight at the zoo or museum.

FCCLA

Sponsor: Mrs. Stroud

Family Career and Community Leaders of America: FCCLA members will strengthen skills, forge friendships, and make a positive difference in today's world through participation in Competitive Events, serving in leadership positions, attending area conferences, networking with youth leaders, and attaining essential college- and career-ready skills. You must have had or be enrolled in a Family and Consumer Science class to join and maintain a passing GPA to participate. Club fees \$15 and travel expenses

STUCO, Student Council

Sponsor: Mrs. Stroud

The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out school activities and service projects. In addition to planning events that contribute to school spirit and community welfare, the student council is the voice of the student body. Must apply and maintain a passing GPA to participate. Club Fees \$20 and travel expenses

Key Club

Sponsor: Coach Musteric

TAA Club

Sponsor: Mr. Trott

Special Olympics

Sponsor: Mrs. Bomboy

Tri-M

Sponsor: Ms. Phillips

FFA

Future Farmers of America

Sponsor: Ms. Thompson

NHS

National Honor Society

Sponsor: Mrs. Radebaugh

Class Officers: 9th- Mr. Mitchell, 10th- Ms. Dunkle, 11th & 12th- Mrs. Stroud

NOTES