

**ROUND LAKE-BREWSTER
2010 - 2011**

9th - 12th GRADE

**OFFERINGS AND
CLASS DESCRIPTIONS**



.....YOUR OPPORTUNITY FOR THE FUTURE!

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9th-12th GRADE ENGLISH OFFERINGS

Concurrent Enrollment (CE), college-level classes offered to high school students for dual credit. (Dual credit means the earning of high school and college credit simultaneously.) The college credits are offered through MN West Community College. Classes are taught at the high school by college approved high school teachers, teaching college curricula. Students stay on the high school campus, thereby allowing their continued involvement in other regular high school courses and extra-curricular activities. Students must have a cumulative GPA of 2.5 and be a junior or senior. Please talk to Mr. Hanson with any questions regarding this opportunity.



9TH GRADE ENGLISH-

English 9 offers the students a well-rounded English experience in which students will read, analyze, and appreciate literature; will develop a deep understanding of grammar; will challenge themselves to write at an advanced and intuitive level; and will enhance their reading skills and develop a love for reading and learning. Speech-related activities will also be a part of this class.

Assignments for this course will include writing assignments, presentations, participation in discussions, daily assignments, tests, quizzes, Accelerated Reader, and other activities which the instructor deems appropriate for the works students are studying. Literary works to be read during the year may include but are not limited to the following: *Light in the Forest*, *The Outsiders*, *The Hobbit*, *Miracle Worker*, *Hiroshima*, *Romeo and Juliet*, *West Side Story*, and *A Wrinkle in Time*.

10TH GRADE ENGLISH -

English 10 is a challenging language arts class in which students study literature, grammar, composition, vocabulary, and speech. Literature comes from various genres and many different countries from throughout the world including classics from centuries ago until today. Grammar study will include punctuation, capitalization, parts of speech, parts of sentences,

phrases, clauses, word usage, and sentence structure. Composition assignments will challenge students to improve writing and analytical skills while improving communication skills. An emphasis on vocabulary building will enhance student understanding of what they read in all classes. Speech activities will develop student poise and thought process. Also included in this class will be job search and career planning/research activities/projects. Students will meet Accelerated Reader criteria. Literary works to be read during the year may include but are not limited to the following: *Red Badge of Courage*, *Of Mice and Men*, *Animal Farm*, *The Pearl*, *To Kill a Mockingbird*, *A Thief of Time*, *Julius Caesar*, *Antigone*, and *The Old Man and the Sea*.

11TH GRADE ENGLISH-

English 11 offers the students a challenging opportunity to study the development of United States literature through an analysis of various genre as seen in relation to historical events which impacted American writers. Analysis will be emphasized throughout the activities in this course. Emphasis will be placed upon excellence in writing and communication, both written and oral, and upon improving reading skills. Students will analyze literature, develop a deep understanding of grammar, enhance writing skills to a high academic level, and improve speaking skills as they prepare for college and/or the work world. The literature they read and writing assignments they complete will develop their reading and composition skills along with their critical thinking skills. In this class, they will further develop the skills they have worked on in previous English, writing, and speech classes. Literary works to be read during the year may include but are not limited to the following: *To Kill a Mockingbird*, *Great Gatsby*, *Huckleberry Finn*, *Giants in the Earth*, *Scarlet Letter*, *The Grapes of Wrath*, *Glass Menagerie*, *Our Town*, and *The Crucible*. Composition assignments will require more analytical and thoughtful preparation as the students prepare scholarly papers for more challenging classes.

BRITISH LITERATURE-

This course is designed to give students an overall background in British Literature. The goal of the course is to broaden the students' understanding of language application, communication skills, and British Literature. Daily work will include vocabulary development, reading selections with questions, and reflective/analytical compositions. Throughout the course, students will be asked to make presentations to the class, work on group projects, and write essays. Reading selections will include MacBeth, a Dickens novel, and a number of short stories and poems from the anthology.

12TH GRADE ENGLISH-

The literature students read and writing assignments they prepare will develop the students' reading and composition skills along with critical thinking skills. Assignments for this course will include writing assignments, presentations, participation in small and large group discussions,

outside reading assignments, daily assignments, tests, quizzes, and other activities which the instructor deems appropriate for the course. Writing assignments and literary works that the class will cover will include essays, discussions, multiple choice tests, study guides, presentations, and reading journals. Students will be required to write a research paper.

COLLEGE ENGLISH-

This class will be offered at RL-B High School through the concurrent enrollment program at MN West. Students will earn college credit from MN West. Students must be a junior or senior and have a cumulative GPA of 2.5.

ENGLISH REQUIREMENTS FOR GRADUATION (4 Credits)

English 9 - 1 Credit

English 10- 1 Credit

English 11- 1 Credit

English 12- 1 Credit (Elective)

SPEECH – ½ Credit

This course is an introduction to speech activities. Students will improve their communication skills for use in the workforce, social situations, community activities, school, and their personal lives. Students will grow as speakers, listeners, communicators, and learners. During the semester, students will first learn about the following speech elements: controlling nervousness, communication process, listening, physical elements of speaking, vocal intonations, body language, how to write a good speech, speech analysis, propaganda and advertising, interpretation, readers' theater, group dynamics, and other topics pertinent to the class. Major speeches will include the following: special occasion speech, radio broadcast, demonstration speech, informative speech, persuasive speech, and television news broadcast (if time permits). Other activities such as short speeches of varying types, impromptu speeches, and various group and individual projects will be assigned. Many of these activities will be assigned and completed during only one class hour.

BUSINESS/SOCIAL STUDIES OFFERINGS



SOCIAL 9 / CIVICS-

This class will address the role of the individual in the United States citizenship process. All branches of government, as well as current events and local issues, will be covered. Students will be asked to examine local policy issues and how these affect the individual. One project per quarter is required.

10th GRADE AMERICAN HISTORY-

This course covers the period from Reconstruction to the present day. This is a required course for American History standards. This course shows the development of the United States post Civil War with the struggles and accomplishments of the nation. Social, political, and economic issues are covered along with foreign relations and wars.

11TH GRADE WORLD HISTORY -

This junior survey course covers human cultural development from early civilizations in Egypt, Mesopotamia, India, and China into the Greek and Roman Eras. The students will move into the early groups in South and Central America and how their civilizations expanded and then were conquered. The movement into the medieval period of time is a key area with major factors such as the Renaissance, the Reformation, the Scientific Age, and the Age of Discovery being covered.

ECONOMICS-

Economics is a course that covers the basic principles of scarcity and how it relates to supply and demand. The four factors of production are emphasized as well as the use of charts and graphs. Major economic systems are compared. Economics is a class that is recommended by the state for graduation. This is a one semester course.

AP PSYCHOLOGY-

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with major sub fields of psychology and become acquainted with the ethics and methods used in psychological research.

SOCIOLOGY-

This is a semester course which students study the area of human relationships. Some areas covered are personality development and the social self, deviance and crime, the American Class System and systems of social stratification, and the American family. The course is within the social studies department.

VIETNAM-

This class will examine the events that developed from the early years of Vietnam to modern day. Ancient history, the French colonial period, WWII, America's involvement in Vietnam, and Vietnam today will be included. The course will involve lecture, book, video, guest speakers and research.

WORLD CULTURE AND GEOGRAPHY-

This course explores the physical, political, economic and cultural geography of the world. Course content deals with historical patterns of migration and settlement, how cultures guided the formation of nations, how languages spread, aspects of social assimilation, distribution of population, and the influence of ideas and social institutions, such as customs and manners.

WORLD WAR I-II-

This course is a research course. Students will be expected to explain the causes and issues leading up to WWII as well as the problems created by the aftermath of the war. Course content examines political, economic and social issues prevalent in the world before and during WWII through the examination of primary and secondary resources: readings, videos, documents, Internet resources and speakers.

SOCIAL STUDIES REQUIREMENTS FOR GRADUATION (4 CREDITS)

Social 9: US Citizenship-	1 Credit
Social 10: US History-	1 Credit
World History-	1 Credit
Sociology-	½ Credit
Economics-	½ Credit

SCIENCE OFFERINGS



SCIENCE 9/PHYSICAL SCIENCE-

PREREQUISITES: LIFE SCIENCE, EARTH SCIENCE

This course is required for all 9th grade students. It is the first of three subjects designed to satisfy the Minnesota state requirements for graduation. The topics are primarily from chemistry and physics.

Major emphasis is given to how scientists think and solve problems. Historical aspects of science are introduced. Atomic theory, wave mechanics, Newtonian kinematics and dynamics, chemical reactions, light, sound, energy, and the Periodic Table are some of the curriculum items.

CHEMISTRY-

GRADE LEVEL 11-12

PREREQUISITES: ALGEBRA I AND GEOMETRY SUGGESTED. CONSULTATION WITH INSTRUCTOR IN THE ABSENCE OF THESE COURSES.

This class will be offered at RL-B High School through the concurrent enrollment program at MN West. Students will earn college credit from MN West. Students must be a junior or senior and have a cumulative GPA of 2.5.

This course is designed for students interested in education beyond high school. Many colleges and universities require chemistry for admission.

Students will learn the Periodic Table, atomic theory, thermodynamics, collision theory, equilibrium theory, bonding theory, electric theory, and quantum theory. Maturity and self-motivation are very useful in this subject.

PHYSICS-

GRADE LEVEL 11-12

PREREQUISITES: GEOMETRY, ALGEBRA II (OR TAKING ALGEBRA II CONCURRENTLY)

This class will be offered at RL-B High School through the concurrent enrollment program at MN West. Students will earn college credit from MN West. Students must be a junior or senior and have a cumulative GPA of 2.5.

Students will demonstrate understanding of matter, forces, and energy by investigating the concepts of motion, conservation laws, kinematics, dynamics, electricity, magnetism, waves, work, energy, and the historical significance of major scientific advances. This is a college preparatory class and students are expected to accept personal responsibility for their learning. The course is completed by studies of relativity and quantum mechanics.

PLANT SCIENCE – ½ Credit Class-

The purpose of this class is to learn foundational ideas about the biology of plants, aspects of horticulture, and greenhouse management. Biological science concepts will build on those learned in Biology 10. A large portion of the course will be hands on experiences. Through these experiences, students will design, conduct, collect data and communicate findings of an independent research project.

ENVIRONMENTAL SCIENCE- ½ Credit Class

Welcome to Environmental Science! The following are the guidelines and requirements that need to be met to pass the class. The purpose of this class is to learn ideas and theories about Ecology and human's impact on the environment.

BIOLOGY 10-

The purpose of this class is to learn complex ideas and theories about living organisms. Some concepts will be new while others will be continuations of what was learned in Life Science.

SCIENCE REQUIREMENTS FOR GRADUATION (3 CREDITS)

Science 9: Physical Science-	1 Credit
Science 10: Biology-	1 Credit
Science Elective	1 Credit

MATH OFFERINGS



ALGEBRA I (9th Grade)

This course will reinforce and expand on the concepts introduced in 8th grade. Topics to be covered include: graphing linear equations and functions, writing linear equations, solving and graphing linear equations and inequalities, solving systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic equations and functions, radical and geometry connections, rational equations and functions, and probability and data analysis.

ADVANCED ALGEBRA (Prerequisite: Passing grade in Algebra 1)

In Advanced Algebra, students will have the opportunity to build on their Algebra 1 and Geometry experiences by expanding their knowledge of relations and functions. Students will use technological tools to represent and study the behavior of functions. Topics to be covered include: equations and inequalities, linear systems and matrices, quadratic functions and factoring, polynomials and polynomial functions, rational exponents and radical functions, exponential functions, rational functions, sequence and series, trigonometric ratios and functions, and trigonometric graphs, identities and equations.

GEOMETRY-

GRADE LEVEL 10-11

PREREQUISITE: ALGEBRA I

The name geometry literally means “measuring the Earth”.

Most students in this class will be planning to continue their education after high school.

Emphasis is given to students accepting the responsibility for their own education.

The deductive thinking process is an integral part of the curriculum. Proving geometry concepts is an important part of the thinking processes expected.

Geometry is difficult and requires different thought processes from most other mathematics subjects. Daily homework is extremely important.

PRECALULUS-FST

GRADE LEVEL 11-12

PREREQUISITES: ALGEBRA II, GEOMETRY

This course is the last of the mathematics curriculum in Round Lake Brewster High School. **This class will be offered at RL-B High School through the concurrent enrollment program at MN West. Students will earn college credit from MN West. Students must be a junior or senior and have a cumulative GPA of 2.5.**

It is designed to prepare students to be successful in college calculus. Functions, statistics and probability, and trigonometry are the three main parts of the curriculum.

To prepare students for the expectations of college calculus, emphasis is given to helping students accept responsibility for their own learning. Daily work is collected and evaluated during the first semester. All grades during the second semester will be determined by tests and quizzes. Students are also encouraged to determine how much homework they need to master the ideas of this subject.

MATH REQUIREMENTS FOR GRADUATION- (3 CREDITS)

9 th Grade Algebra-	1 Credit
Geometry-	1 Credit
Advanced Algebra-	1 Credit

ART DEPARTMENT OFFERINGS



CERAMICS AND POTTERY-

Students are introduced to working with stoneware clay. They will be able to learn coil, mold, and pinch pottery techniques along with free form slab sculpture techniques. They will fire their pottery projects in a kiln and learn the operation process of bringing green ware clay to glazed bisque ware clay. Students take home all their projects and all projects are glazed with lead free glaze that is dinner safe and microwave safe! There is a studio fee for the materials. (\$15)

WEB DESIGN/PHOTOSHOP-

Students are introduced to state of the art graphic design computer programs. These programs are Adobe Photoshop CS3 and Macromedia Studio MX. These programs are the base of all graphic artwork done today. Any website you see on the internet is also made with these dynamic programs. Students will learn the functions and operation of these programs and learn how to apply them to make their very own websites and graphic artwork.

ART FUNDAMENTALS I-

Students are introduced the elements and principals of art that cover the Minnesota State Education Standards. This course is an introductory class that covers the whole spectrum of art. The students will learn how to work with all mediums which include: Clay, Drawing, Painting, Origami, and Mixed Media. While working with all these different materials, the students will learn new techniques and discover their strengths as an artist. The projects touch the surface on art technique and are basic smaller projects.

ART FUNDAMENTALS II

Students are introduced the elements and principals of art that cover the Minnesota State Education Standards. This course is a mastery class that covers the whole spectrum of art. The students will to work with all mediums which include: Clay, Drawing, Painting, Origami, and Mixed Media. While working with all these different materials, the students will demonstrate their strengths as an artist. They must complete projects individually according to the medium they prefer.

BUSINESS DEPARTMENT OFFERINGS



ACCOUNTING (1ST YEAR)—

This course is helpful in developing organizational and critical thinking skills. Also included is information and situations which inform about employer/employee relationships. The course covers the basics of record keeping for a single owner service business, a merchandising partnership, and touches on corporations. A major emphasis is on organizing and setting up records and the reporting of official information dealing with profit and loss. Taxes as they relate to sales are covered for reporting to the state.

It is a good course for individuals looking to build organizational and personal record keeping skills and provides time card and employer and employee tax information. Accounting is an excellent course for those students who may wish to pursue a career in a diverse and high paying business field.

ADVANCED ACCOUNTING—

The course is advanced work and theory which builds of the basics of first year accounting by going into more depth in the areas of accrued interest, depreciation expenses, and working with interest and expenses on loans, notes receivable and notes payable. The course continues with work involved in corporations, inventories, finished goods manufacturing, and analyzing financial records. It is excellent for students with Accounting I who have an interest in finance and career exploration of the business field.

PERSONAL FINANCE—this course includes researching college information, jobs search skills, and information including letters of reference, application, and resumes. Study areas included are taxes, banking, investments, (stocks and bonds) budgeting and retirement planning. This is a very **useful course** that touches on individual responsibilities and opportunities in money management and is a very practical course for living in today's world.

BUSINESS LAW—

The basic principles of law and the constitution are studied and applied to the business setting. The main focus is in the area of contracts. Subjects included are offer and acceptance, void and avoidable contracts, duties in creating a contract and consideration. Other areas deal with liability, negligence, and civil law remedies.

MARKETING—

Marketing is one of the most visible business activities around you. The activities include advertisements on radio, products development and transportation, and researchers in shopping malls. Marketing is exciting, important, and profitable. You will learn how marketing is an important activity for the success of manufacturers, retailers, government agencies, hospitals, schools, and churches. The course will expose you to the benefits of a business career as well as providing general information on how businesses use product service, pricing, distribution, and advertising and selling.



INDUSTRIAL TECHNOLOGY OFFERINGS

BUILDING TRADES (Woods) Students can design and create a set of plans for building a wood product such as a complex piece of furniture or cabinetry. Students will make drawings, bill of materials, cost comparisons, and be responsible for supplying your own materials. Methods learned and applied in 8th woods is the prerequisite for this course.

WELDING I- This is an introductory course in which students will demonstrate proper safety techniques and learn basic essentials of arc, wire, and oxy-acetylene welding. It is designed for those who seek a solid basic background in the principles and practice of welding. Projects will be those that are assigned by the instructor. Students will be required to supply their own coveralls to wear during labs.

WELDING II--Prerequisite Welding I. The course will build upon principles and practices achieved in Welding I, but with the goal to enrich and increase welding skills. **Welding II offers students an opportunity to receive college credit, as well a knowledge base that may lead to higher pay in the industry during high school and college.** Techniques developed will be used to produce a product drawn from your own plans.

CAD- The course will introduce students to computer drawing and design. It will help students to learn the fundamental skills and concepts necessary for planning, designing, and drawing.

INDUSTRIAL TECH. EXPLORATION-

No Prerequisite

This course is to introduce students to concepts of transportation, energy, power a variety of subject matter. Sections will discuss sources of energy, systems, jobs, and when they are all put together they fit into a combined system that affects all types of vehicles. Students will be making a variety of vehicles to apply specific principles. Students will have an understanding how cultures interact with their environment and how this affects the system that surround them. Examples of vehicles that may be made; rockets, CO2 cars, mousetrap dragsters, air transportation just to mention the possibilities. Other areas that may be covered are robotics, electronics, and communication, but is not limited to these.

Chaney lab kits will be furnished for some of the above mentioned areas. In robotics students will have the opportunity to create several robots that have some human or animal attributes, such as motion, decision-making, vision, hearing, reaction, etc. The kit in electronics enables any student to build 33 different experiments.

You will be required to inventory all parts from the Chaney lab prior to starting on the activities.

BASIC AUTO RESPONSIBILITIES-

This is designed to give the student an overview of automobiles and give them hands on experience as to regular maintenance. Having access to an automobile is essential. Other items of interest covered are purchasing a motor vehicle, motor vehicle insurance, and using a road map plus planning a trip.

CONSTRUCTION-

This course is designed to provide basic detailed coverage of many aspects of light frame construction. Areas of emphasis are placed on the use of materials and components. Building scale models will be a way in which to give the student hands on experience. Information about building includes size and basic technical information that covers physical properties and other important characteristics.

SMALL GAS ENGINES-

This course is designed to bring students to an entry-level of competency for servicing and operating small gasoline engines properly and safely.

REFINISHING-

Refinishing furniture does not have to be painful. It can even be fun. But you must first have the right attitude and realize that a thorough job cannot be completed in one day. A few tips on furniture repair will be covered, because, usually, every piece requiring refinishing needs some repair as well.

DRAFTING FUNDAMENTALS-

This Is an introduction to the graphic language of industry and technology. The course is designed to meet the needs of beginning drafting students. It introduce student to modern drafting practice and career possibilities.

JUNK YARD WARS IS BACK !!!!!!!-

What does it offer? It gives the opportunity to pick a project which is basically from junk and then make it work. The class of 08-09 chose to make a vehicle. This class of students brought in the bodies of a golf cart and a 4 wheeler. Neither engine worked on either vehicle. They broke into two teams and have had a competition in using used (junk items) to piece together vehicles that will work. They are planning to have a race with the two. In using a GPS system the 4-wheeler which now has a 4 stroke 5 hp Briggs and Stratton engine reached 29.7 mph. The old golf cart did well also but has broke down several times, but this is what makes it a learning adventure as students must fix and get it back to work

MUSIC DEPARTMENT OFFERINGS-



CHOIR- (Grades 7-12)

The purpose of this class is both performance and skill based. Students will rehearse music for concert performances. Attendance at all performances will be required. Students will also learn basic theory, vocabulary, and vocal techniques.



HIGH SCHOOL BAND- (Grades 9-12)

The purpose of this class is performance, skill, and knowledge based. Students will rehearse music for performances. Four different band settings will be offered: marching band, pep band, concert band, and jazz band. Students are required to participate in marching band, pep band, and concert band, along with the performances for these ensembles. Students will also work on expanding their knowledge in basic music theory, vocabulary, and musician skills. Lessons will be required each week.

FINE ARTS REQUIREMENTS FOR GRADUATION-(Band/Choir, Art) 1 Credit

CONSUMER LIFE SCIENCE/FOODS DEPARTMENT OFFERINGS-



9th GRADE FACS-

9th Grades FACS provides a comprehensive instruction in all areas of family living. Units of study include: life-long learning (careers), personal growth, family/care giving, consumer education, food and nutrition, textiles clothing and design.

HOSPITALITY AND CULINARY ARTS III-

Pro-Start is a one-year class that has been developed by the Hospitality Industry. **ProStart offers students an opportunity to receive college credit, as well a knowledge base that may lead to higher pay in the Industry during high school and college.** ProStart provides instruction on culinary skills needed to be a vital, complete member of the Hospitality Industry. ProStart also covers nutrition as it relates to the total wellness, meal planning and food preparation, and small business management. Students prepare foods approximately once a week to learn basic preparation principles, experiment with and provide new experiences. An entrepreneurship project may be planned if time allows.

ADULT LIVING-

Adult living provides a comprehensive instruction in all areas of family living. Units of study include: life-long learning (careers), personal growth, family/care giving, consumer education, food and nutrition, textiles clothing and design.

CULINARY SKILLS I or II-

Intro to Foods provides instruction on nutrition as it relates to the total wellness, meal planning and food preparation. Students prepare foods approximately once a week to learn basic preparation principles, experiment with and provide new experiences. An entrepreneurship project may be planned if time allows.

CULTURAL FOODS-

Food is a necessity. That we eat is biological, what we eat, how we eat, where we eat, and when we eat is determined by our culture and the environment within which it developed. Cultural Foods is an opportunity for students to develop an understanding of the global community through food. Each continent is explored to better understand the influence of each culture's diet. Students will research geographic, religious, societal, political, economic, and psychological influences of food consumption for each region.

FOREIGN LANGUAGE DEPARTMENT OFFERINGS-



SPANISH I-

Students will begin the development of listening, speaking, writing and reading skills in the Spanish language. Instructional focus will be on vocabulary acquisition and communicative functions with emphasis on real-world language situations. The students will become acquainted with not only the language, but also with culture, history and traditions.

SPANISH II-

Prerequisite: Spanish 1

This course will continue the development of the four skill areas. Vocabulary acquisition, correct verb usage and grammar will be focused upon. Dialogues, short readings, videos and other media will be used to continue exposure to the target culture.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT OFFERINGS=



9th GRADE HEALTH-

9th Grade Health: Current health issues and topics will be taught and the use of community resource people whenever possible. Students will cover topics such as; body systems and nutrition, communicable and non-communicable diseases, environmental and community health, health information service and products, personal health and hygiene, safety, and healthy eating habits.

9th GRADE PHYSICAL EDUCATION-

The students will participate in a variety of team sports and also use the fitness center.

10-12TH GRADE TEAM SPORTS-

Organized and COMPETITIVE team sports. The students should expect to sweat and play hard.

10-12TH GRADE FOCUS ON FITNESS-

This course is designed to give students a good workout each day. Along with using the fitness center, students will also vary their workouts with activities such as workout videos and spin bikes.

PHYSICAL EDUCATION REQUIREMENTS FOR GRADUATION- 1 Credit

Note:

It is strongly recommended that any student who desires to attend a Minnesota Post Secondary Institution of education take two semester credits of a single foreign language. Admission requirements for the Minnesota State University System are as follows: English 4 years, math 3 years, science 3 years (biology and chemistry or physics required), social studies 3 years, world language 2 years, world culture/arts 1 year.

An academic letter will be awarded to students in grades seven through twelve who have a 3.5 GPA or higher for the school year.

First time award winners will receive an academic letter.

For each award thereafter, students will receive a chevron or bar.