



**W. Mack Lyon Middle School**

# Course Catalog

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**Special points of interest:**

- [www.ccsd.net/cpd](http://www.ccsd.net/cpd)
- [www.parentlink.ccsd.net](http://www.parentlink.ccsd.net)
- [www.lms.moapavalleyschools.org](http://www.lms.moapavalleyschools.org)

**Message from the Principal**

It is the goal of W. Mack Lyon Middle School to provide all of its students with an environment conducive to learning, and to assist them in developing into competent, contributing, and capable members of society. We can assure that each student will have the opportunity to succeed. Together, we will work to create meaningful

experiences while incorporating the use of technology for your child. It is time to begin planning for the 2011-2012 school year. Your child's core classes will be selected based on teacher recommendation and state mandated tests. Students may choose their elective and exploration classes. Please keep in mind elective and exploration

classes are dependent on staffing. Each Mack Lyon student has been given an elective worksheet. Please return the worksheet by the specified date. Your child's choices will be made for them if the worksheet is not returned.

**CCSD Guidance and Counseling**

The Guidance and Counseling Web site is designed to provide students and parents with information on counseling services provided by the school district. It also serves as a support reference for preparing students for their future educational decisions regarding Post-Secondary Planning. Starting with

elementary school, parents and students are able to review a checklist of activities on "How to Support your Child's Education". These activities will assist with school success and will also prepare your children for college, apprenticeships, trade and technical schools, military

opportunities, or to go directly to work. For details visit: [www.ccsd.net/cpd](http://www.ccsd.net/cpd) and select Guidance and Counseling from the menu for the information.

**STUDENTS' CODE OF ETHICS**

**DISCIPLINE PHILOSOPHY**

As a secondary student in the Clark County School District, students will strive to demonstrate at all times the four qualities of moral character fundamental to human conduct: **INTEGRITY, RESPECT, RESPONSIBILITY, AND JUSTICE**

**INTEGRITY** - requires that students stand up for what is right instead of just trying to go along with the group.

**RESPECT** - requires that students treat themselves and others with honor and that they obey school rules and the laws of the country.

**RESPONSIBILITY** - requires that students are responsible for their own actions and the effects the actions have on themselves and on others.

**JUSTICE** - requires fairness to others as well as to oneself, balancing praise and blame in accord with one's actions.

**General discipline rules established for students in most classrooms are:**

Students are to be punctual; tardies are recorded per class period.

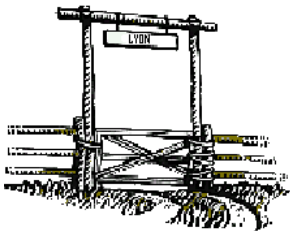
Students are to come to class prepared with appropriate materials, homework, paper, pencils, etc.

Students are to respect the learning rights of other students by not distracting others or the teacher from instructional activities.

Students are to raise their hand and wait to be recognized before speaking out.

Furthermore within the instructional environment, when students are addressing the classroom, students stand to reinforce their abilities to confidently verbalize their thoughts, answers, or learning processes.

## Promotion/Retention Policy



**Clark County School District Policy and Regulation 5123 – Promotion, Retention, and Demotion of Students – sets the standard for promotion from sixth to seventh grade, from seventh to eighth grade, and from eighth grade to high school.** \*Pupils enrolled in Grade 6 during the 2011-2012 school year must complete one semester with a passing grade in mathematics, one semester with a passing grade in English or reading, and one semester with a passing grade in science for

promotion to Grade 7. \*Pupils enrolled in Grade 7 during the 2011-2012 school year must complete one semester with a passing grade in mathematics, one semester with a passing grade in English or reading, one semester with a passing grade in science, and one semester with a passing grade in social studies for promotion to Grade 8. \*Pupils enrolled in Grade 8 during the 2011-2012 school year must complete three semesters with a passing grade in mathematics, three semesters of a passing grade

in English or reading, two semesters of science, and two semesters of social studies during the seventh and eighth grade years for promotion to high school. An eighth grade student who does not meet promotion requirements may be promoted to high school on academic probation provided the student meets the criteria. A parent or guardian may elect not to place his/her child on academic probation but to remain in Grade 8.

## Code Of Honor

### Nevada Department of Education

There is a clear expectation that all students will perform academic tasks with honor and integrity, with the support of parents, staff, faculty, administration, and the community. The learning process requires students to think, process, organize, and create their own ideas. Throughout this process, students gain knowledge, self-respect, and ownership in the work that they do. These qualities provide a solid foundation for life skills, impacting people positively throughout their lives. Cheating and plagiarism violate the fundamental learning process and compromise personal integrity and one's honor. Students demonstrate academic honesty and integrity by not cheating, plagiarizing, or using information unethically in any way.

### What is cheating?

Cheating or academic dishonesty can take many forms, but always involves the improper taking of information from and/or giving of information to another student, individual, or other source. Examples of cheating can include, but are not limited to:

- Taking or copying answers on an examination or any other assignment from another student or other source
- Giving answers on an examination or any other assignment to another student
- Copying assignments that are turned in as original work
- Collaborating on exams, assignments, papers, and/or projects without specific teacher permission
- Allowing others to do the research or writing for an assigned paper
- Using unauthorized electronic devices
- Falsifying data or lab results, including changing grades electronically

### What is plagiarism?

Plagiarism is a common form of cheating or academic dishonesty in the school setting. It is representing another person's works or ideas as your own without giving credit to the proper source and submitting it for any purpose. Examples of plagiarism can include, but are not limited to:

- Submitting someone else's work, such as published sources in part or whole, as your own without giving credit to the source
- Turning in purchased papers or papers from the Internet written by someone else
- Representing another person's artistic or scholarly works such as musical compositions, computer programs, photographs, drawings, or paintings as your own
- Helping others plagiarize by giving them your work

All stakeholders have a responsibility in maintaining academic honesty. Educators must provide the tools and teach the concepts that afford students the knowledge to understand the characteristics of cheating and plagiarism. Parents must support their students in making good decisions relative to completing coursework assignments and taking exams. Students must produce work that is theirs alone, recognizing the importance of thinking for themselves and learning independently, when that is the nature of the assignment. Adhering to the Code of Honor for the purposes of academic honesty promotes an essential skill that goes beyond the school environment. Honesty and integrity are useful and valuable traits impacting one's life. *Questions or concerns regarding the consequences associated with a violation of the Code of Honor may be directed towards your child's school administration and/or the school district.*

# Sixth Grade Core Curriculum

## \*English

Regular/ Accelerated/Read180

## \*Reading

Regular/Accelerated/Read180

## \*Math

Regular/Accelerated

## \*Life Science

## \*Social Studies

## \*Physical Education

One Semester

## \*Computer Literacy

One Semester

## ENGLISH

This course will develop students' writing, reading, speaking, listening, research, and critical thinking skills. Grammar, usage, and mechanics will be taught as essential elements of writing as a process. The use of technology is an integral part of this course. This course fulfills the English requirement for sixth-grade students.

## ACCELERATED ENGLISH

This course is distinguished from English 6 by instructional pacing, and delivery of advanced content.

## READ 180

Read 180 is a comprehensive reading intervention program. The goals of the program are to increase the students' decoding, fluency, and comprehension skills. This is taught in a block of two class periods and fulfills both the English and Reading requirements for this grade level.

## READING

This course reinforces the development of strategic reading behaviors. Instructional practices will incorporate integration of diversity awareness, including all appreciation of cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

## ACCELERATED READING

This course is distinguished from Reading 6 by reading selection, instructional pacing, and delivery of advanced content.

## MATH

This course builds on previously learned concepts in developing new skills and mathematical fluency with decimals, fractions, percents, ratios, measurement, geometry, data analysis, probability, spatial relationships, and patterns. Problem solving, connections, reasoning, and communication are integrated throughout this course. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, are integral parts of this course.

## ACCELERATED MATH

This course is distinguished from Math 6 by instructional pacing and delivery of advanced content including integers and algebraic concepts.

## SCIENCE

This course focuses on understanding the living systems on Earth. Students will use scientific processes, protocols, and tools, including inquiry, to build understandings of living things and the interactions between living and non-living things. Critical thinking, collaboration, accuracy, and communication skills will be used as students develop a foundation for scientific literacy in life, earth, and physical science content.

## SOCIAL STUDIES

This survey course will examine fundamental geography tools and concepts, early civilizations, and world history. This course will emphasize the basics of world geography, ancient world

civilizations, and contemporary issues through innovative instructions, projects, and technology.

## COMPUTER LITERACY

This **semester** course, required in grade six, is designed as an in-depth study of the computer as a tool. Computer vocabulary, personal computer applications, career opportunities, and ethics of computer use will be examined. Word processing, information management, electronic spreadsheets, and internet safety will be stressed. This is a pass/fail course. A passing grade in this course fulfills the computer competency requirement for high school graduation.

## PHYSICAL EDUCATION

### BOYS/GIRLS

This **semester** course, required in grades six, seven, and eight, focuses on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The student is provided with experiences in psychomotor skills, movement, and lifetime health-related fitness knowledge, skills, and values. Rules, strategies, and safety are emphasized in relation to active participation and development of knowledgeable spectators.

*"The important thing is not to stop questioning. Curiosity has its own reason for existing."*

Albert Einstein

## Four Year Academic Plan

An on-line four year Academic Plan was implemented with all sixth grade students during the 2008-2009 school year and will continue to be implemented with each sixth grade class thereafter. This plan sets forth specific educational goals that students intend to achieve before graduation from high school. Academic plans include the designation of a career pathway, a three year middle school course of study, a four year high school course of study, and post-secondary planning. The plan includes students and parents:

- Working in consultation with a school counselor to develop the academic plan
- Signing the academic plan
- Reviewing the plan yearly and revising when necessary

The academic plan will be used as a guide to manage the student's educational development and course selection in alignment with an identified course of study. The plan is easily accessible through the CCSD website at [eduplan.ccsd.net](http://eduplan.ccsd.net) for regular review and revision as necessary. Regular examination throughout high school will assist students in preparation for adulthood in the 21st century.

# Seventh Grade Core Curriculum

## \*English

Regular/ Accelerated/Read180

## \*Reading

Regular/Accelerated/Read180

## \*Math

Regular/Accelerated

## \*US/Nevada History

## \*General Science

## \*Physical Education

One Semester

### ENGLISH

This course emphasizes strengthening reading, writing, and critical thinking skills. Grammar, usage, and mechanics will be taught as essential elements of writing as a process. Selections from literature will be used as models for writing. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

### ACCELERATED ENGLISH

This course is distinguished from English 7 by instructional pacing, delivery of advanced content, and assigned work.

### READING

This course reinforces the development of strategic reading behaviors. Instructional practices will incorporate integration of diversity awareness, including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course.

### ACCELERATED READING

This course is distinguished from Reading 7 by reading selection, instructional pacing, delivery of advanced content, and assigned work.

### READ 180

Read 180 is a comprehensive reading intervention program. The goals of the program are to increase the students' decoding, fluency, and comprehension skills. This is taught in a block of two class periods and fulfills both the English and Reading requirements for this grade level.

### MATH

This course is designed to increase mathematical fluency in problem solving, logic, and reasoning. This course builds on the concepts of number operations with integers, decimals, and rational numbers, problem solving and reasoning skills, data analysis, probability, geometry, measurement, spatial relationships, patterns, and algebraic concepts. The use of technology, including calculators and computer software, is an integral part of this course.

### ACCELERATED MATH

This course is distinguished from Math 7 by instructional pacing and delivery of advanced content including integer, algebraic, and geometric concepts.

### U.S. / NEVADA HISTORY

This course is a study of American history from the time of the early North American inhabitants to the present. Students will be introduced to the people and events that contributed to the development of our nation as they explore the impact of economic, political, social, and technological ideas. The history of Nevada will be integrated throughout the year.

### GENERAL SCIENCE

This course focuses on understanding Earth and Space Science systems. Students will use scientific processes, protocols, and tools, including inquiry, to build understanding of Earth's structure and place in the Solar System, atmospheric processes, and composition of matter. Critical thinking, collaboration, accuracy, and communication skills will be practiced.

### PHYSICAL EDUCATION

#### BOYS/GIRLS

This **semester** course, required in grades six, seven, and eight, focuses on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The student is provided with experiences in psychomotor skills, movement, and lifetime health-related fitness knowledge, skills, and values. Rules, strategies, and safety are emphasized in relation to active participation and development of knowledgeable spectators.

*"High achievement always takes place in a framework of high expectation."*

*Jack Kinder*

## Eighth Grade Core Curriculum

### \*English

Regular/ Accelerated/Read180

### \*Reading

Regular/Accelerated/Read180

### \*Math

Pre-Algebra/Algebra I Honors

### \* World Geography

### \* Physical Science

### \* Physical Education

One Semester

### \* Health/Careers

One Semester

### ENGLISH

This course will emphasize developing and strengthening students' writing, reading, listening, speaking, and critical thinking skills. Instructional practices will incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The appropriate use of technology is an integral part of this course. Literature selections will also serve as models for writing.

### ACCELERATED ENGLISH

This course is distinguished from English 8 by instructional pacing, delivery of advanced content, and assigned work.

### PRE-ALGEBRA

This course is designed to provide students with the necessary knowledge and skills to successfully complete algebra and geometry. This course builds on the concepts of number operations with integers, decimals, and rational numbers, word problems and reasoning skills, data analysis, probability, geometry, measurement, spatial sense, patterns, and beginning algebra. The use of technology, including calculators and computer software, is an integral part of this course.

### ALGEBRA I HONORS

#### (High School Credit)

This course is designed for highly motivated students committed to challenging coursework. It is intended to increase mathematical fluency in problem solving, logic, reasoning, and effective communication in the study of patterns, functions, and algebra. This course builds on the concepts of rational and irrational numbers, data analysis, probability, geometry, measurement, spatial relationships, patterns, and algebraic concepts. Emphasis will be placed on abstract algebraic methods and strategies for solving complex problems. The use of calculators and computer software is an integral part of this course. This course will fulfill the algebra requirement and one of the mathematics credits required for high school graduation. Teacher recommendation and standardized test scores will determine placement in this course.

### WORLD GEOGRAPHY

This course will examine both the physical and human aspects of geography. Students will explore earth's physical systems in a global context and its human systems in a regional one. Students will utilize the geographic skills of acquiring, organizing, and analyzing information to both ask and answer geographic questions. Four unique and diverse perspectives will be used as a frame of reference: the spatial, the ecological, the historical, and the economic.

### PHYSICAL SCIENCE

This course provides the physical science explanations that extend understandings developed in previous science courses. Students will use scientific processes, protocols, and tools to build understanding of structures, patterns, and relationships explained through the physical sciences. Critical thinking, collaboration, accuracy, and communication skills will be emphasized.

### PHYSICAL EDUCATION

#### BOYS/GIRLS

This **semester** course, required in grades six, seven, and eight, focuses on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The student is provided with experiences in psychomotor skills, movement, and lifetime health-related fitness knowledge, skills, and values. Rules, strategies, and safety are emphasized in relation to active participation and development of knowledgeable spectators.

### HEALTH/CAREERS

This **semester** course is designed to introduce students to the mental, physical, social, emotional, and environmental aspects of human wellness. The course will include concepts for achieving a healthy body and healthy mental attitudes. Also covered are career studies. The course is designed to prepare students to meet their responsibilities, as well as to understand their opportunities and relationships as family members, consumers, home managers, and wage earners.

*"Knowledge is power and enthusiasm pulls the switch."*

*Steve Droke*

# Electives

## ART

**Grades 7 & 8**

**Course Fee \$20.00**

This **semester** course is designed to develop essential basic skills of expression and understanding in art. All art experiences are an extension of the elementary discipline-based art program and stress exploratory and experimental approaches in understanding, creating, and responding to art. This course may be repeated.

## BEGINNING BAND

**Grades 6 - 7**

**Course Fee \$30.00**

**(End of year cleaning fee for school instruments \$35.00)**

This **full-year** course is offered for the benefit of those students who have little or no previous musical training and involves applying the basic fundamentals of music reading to the particular technique of the instrument being studied. Students will have required evening performances and it may be necessary to rent, purchase, or borrow an instrument. Beginners get first choice of school-owned instruments.

## INTERMEDIATE BAND

**Grades 7 & 8**

**Course Fee \$30.00**

**(End of the year cleaning fee for school instruments \$35.00)**

This **full-year** course is designed for students who have achieved beyond beginning band. It includes guidance in solving psychomotor problems related to instruments and techniques for producing and evaluating pitch, tone, rhythmic patterns, and dynamic levels within a variety of musical styles. The importance of sustained effort and practice is stressed for technical proficiency. There will be required performances. There is a limited supply of school instruments with first choice going to the beginning students. It may be necessary to rent or buy an instrument at this level. This course may be repeated.  
**Prerequisite: Beginning Band**

## ADVANCED BAND

**Grades 7 & 8**

**Course Fee \$30.00**

**(End of the year cleaning fee for school instruments \$35.00)**

This **full-year** course is designed for students who have achieved beyond the Intermediate Band level. Students will receive guidance and direction in solving problems related to band instruments and techniques for producing and evaluating pitch, tone, rhythmic patterns, and dynamic levels. Emphasis will be placed on providing each student with a variety of performing experiences. This course may be repeated.

**Prerequisite: Intermediate Band/Teacher Placement**

## JAZZ BAND - Early Bird Class **(6:30—7:15 a.m.)**

**Grades 7 & 8**

**Course Fee \$30.00**

This **full-year** course is designed to introduce the instrumental music student to contemporary stage band literature and techniques. A student will receive direction in solving interpretation problems and will be given an opportunity to experiment in the area of improvisation. The importance of sustained effort and practice is stressed for technical proficiency. A variety of performing experiences will be provided. This course may be repeated.

**Prior Approval of Instructor Required**

## BROADCAST TECHNOLOGY

**Grades 7 & 8**

**Course Fee \$20.00**

This **semester** course is designed for the study and practice of the basic elements of broadcasting technology with a major emphasis on script writing, video recording, editing, and publication of news and other information through television. This class may be performance-based, requiring the production of

portions of a video, morning announcements, or student-teacher created videos. This course may be repeated.

## CHOIR

**Grades 6- 8**

**Course Fee \$20.00**

This **full-year** course is designed as a study in vocal production of music fundamentals with opportunities to sing a variety of choral literature. Emphasis will be placed on providing each student with an array of performance experiences. This course may be repeated.

## ADVANCED COMPUTERS

**Grades 7 & 8**

This **semester** course is designed to expand the student's knowledge of the computer. Students develop technology, research, writing, presentation, teaching, and leadership skills. They partner with a teacher in the school to develop technology-infused lesson plans, which align to the Nevada State Standards as well as the standards of Clark County School District. This unique approach engages students as positive change agents within our school.

## DRAMA

**Grades 7 & 8**

**Course Fee \$20.00**

This **semester** course is designed to provide a basic study in the fundamentals of oral and dramatic communication. The course will emphasize the various types and techniques of public speaking as well as the vocal, physical, and emotional aspects of acting. This course may be repeated.

*"We are what we repeatedly do. Excellence then, is not an act, but a habit."*

*Aristotle*

**BEGINNING GUITAR****Grades 7 & 8****Course Fee \$30.00**

This **full-year** course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar on a beginning level and will learn many of the different styles, skills, and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat picking, singing songs, rhythmic patterns, chord study, picking styles, musical forms, improvisation, and performing experiences. Guitars are available at the school.

**INTERMEDIATE GUITAR****Grade 8****Course Fee \$30.00**

This **full-year** course is designed for students who have successfully completed the skills outlined in the beginning guitar course. This course includes further development of the skills necessary to become independent as a guitarist and emphasizes the development of style, articulation, dynamics, rhythmic ability, and skills inherent to performance. Guitars are available at the school.  
**Prerequisite: Beginning Guitar**

**BEGINNING ORCHESTRA****Grades 6 - 7****Course Fee \$30.00**

This **full-year** course is offered to students who want to learn the fundamentals of playing a string instrument. The instruments taught are the violin, viola, cello, and bass. Students may choose the instrument they would like to play. Students will have required evening performances and it may be necessary to rent, purchase, or borrow an instrument. Beginners get first choice of school-owned instruments.

**INTERMEDIATE ORCHESTRA****Grades 7 & 8****Course Fee \$30.00**

This **full-year** course is open to students who are beyond the beginning level. Placement in Orchestra at this level will be determined by the teacher's recommendation, an audition, and the student's behavior, attitude, and ability. The objective of this class is to advance the student's musical and technical skills. This group will be involved in several concerts and music festivals. This course may be repeated.

**Prerequisite: Beginning Orchestra****ADVANCED ORCHESTRA****Grades 7 & 8****Course Fee \$30.00**

This **full-year** course consists of students who have shown outstanding aptitude on their instruments, and superior citizenship. Expectations and standards are set very high. Students must show they can hold their standing in this orchestra. If the student is not successful, the student will be removed from the Advanced Orchestra and placed in a different orchestra class. The advanced orchestra class continues the instruction of technical and performing skills, including shifting and vibrato. This group will be involved in many concerts and music festivals and will represent the orchestra program at many school functions.

**Prerequisite: Intermediate Orchestra/Teacher Placement****STUDENT AIDE****Grade 8**

This **full-year** course is designed to allow students to assist teachers. Under the direction of a supervising teacher, students will gain experience in clerical duties, working with faculty members, and following directions. Opportunities to be a student aide are limited to spaces available. Students selected to be student aides must in good standing in academics and citizenship.

**SPANISH I HONORS****Grade 8**

This **full-year** course is designed to acquaint students with the basic skills of listening, speaking, reading, and writing Spanish at an introductory level. The focus is communication in Spanish incorporating understanding of Hispanic cultures, connecting with other disciplines, comparing native language to Spanish, and participating in multicultural communities. The course provides practice in correct use of basic vocabulary and language structures to enable students to function effectively within realistic settings.  
**This course will fulfill either one Arts/Humanities credit or one of the elective credits required for high school graduation.**

**CONVERSATIONAL SPANISH****Grades 7 & 8**

This **semester** course will familiarize students with the Spanish language. The focus is communication in Spanish. The emphasis is on listening and speaking, with an introduction to reading and writing. The course is designed to develop an understanding of Hispanic cultures, to explore connections with other disciplines, to make comparisons to native language and cultural background, and to encourage participation in multicultural communities.

*Success is not  
so much what  
we have as it is  
what we are.*

*Jim Rohn*

Exploration classes are a general overview and will be available per staffing

**AGRICULTURE**

**Grades 7 & 8**

**Course Fee \$20.00**

This semester course is designed to provide students with an introduction to agriculture and hydroponics. Students will study soils, growing cycles, the environment, and the importance agriculture has on our complex way of life. Students will be exposed to gardens on campus, indoor gardening, and have access to the Lyon MS Agriculture Area and greenhouse. Students will be required to do physical labor in this course.

**HOME ECONOMICS**

**Grades 7 & 8**

**Course Fee \$20.00**

This semester course is designed to provide an orientation to home economics. It includes units on sewing basics, beginning food preparation, principles of childcare, careers, and some arts and crafts.

**FORENSICS**

**Grades 7 & 8**

This semester course is designed to introduce students to debate. Students will be exposed to speech techniques that they will apply to oral presentations in class. Students will also learn how to research debate topics.

*I don't think much of a man who is not wiser today than he was yesterday.*  
Abraham Lincoln

**21st CENTURY COURSE OF STUDY EXPECTATIONS**

The Clark County School District expects all students to meet the requirements of the 21st Century Course of Study. In addition to the three years of mathematics and two years of science necessary to graduate with a high school standard diploma, students enrolling as freshmen in the fall of 2006 (graduating class of 2010), and each grade thereafter, will be scheduled into a fourth year of mathematics, which will include Algebra II, and a third year of science, which will include Biology. Although the graduation requirements for a standard diploma will not change, the school district expects its students to be competitive in higher education and the workforce, and to be prepared to take full advantage of what the world has to offer beyond high school.

21 <sup>ST</sup> CENTURY COURSE OF STUDY EXPECTATIONS	
Areas of Study	Units
English	4
Mathematics (Includes Algebra II)	4
Science (Includes Biology)	3
World History or Geography (class of 2011)	1
U.S. History	1
U.S. Government	1
Physical Education	2
Health Education	½
Use of Computers	½
Electives (Includes one Arts and Humanities or Career and Technical Education course)	5 ½
<b>Total</b>	<b>22 ½</b>

The Clark County School District believes that all students must be prepared for the following post-secondary opportunities:

**University/Four-Year College  
Community/Two-Year College  
Trade/Technical School  
Workforce**

The 21st Century Course of Study will provide the following for students:

Opens Doors to Post-Secondary Education and Workforce Opportunities

Meets Nevada System of Higher Education University Admissions Grade Point Average (GPA) and Core Curriculum Requirements

Approved NSHE Core Curriculum (4 English, 4 Math – including Algebra II, 3 Natural Science, 3 Social Science & History = 14 units)

**DREAM, PLAN**

**BELIEVE**

## Standard, Advanced and Advanced Honors Diplomas

### STANDARD DIPLOMA

Starting with the Class of 2010 and beyond  
The following subjects are needed to meet graduation requirement

STANDARD DIPLOMA	
Required/Elective Areas of Study	Units
English	4
*Mathematics	3
Science	2
World History or Geography (2011)	1
U.S. History	1
U.S. Government	1
**Physical Education	2
Health	½
***Use of Computers	½
Electives	7½
<b>TOTAL</b>	<b>22 ½</b>

\*Mathematics course units must include at least Algebra I or Algebra I H, or Applied Algebra I A and I B, or above.

\*\*A maximum of ONE credit for Physical Education II will be granted if a student participates outside of the school day in interscholastic athletics or on a drill team, marching band, dance group, or cheerleading squad.

\*\*\*Satisfactory completion of a semester computer literacy course offered in grades 6, 7, or 8 will meet the requirement for the use of computers.

To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examination in addition to meeting course requirements. Students in the Class of 2010 and beyond must pass reading, writing, math, and science. Any student who completes course requirements but does not pass the Nevada High School Proficiency Examinations will receive a Certificate of Attendance rather than a diploma.

### ADVANCED DIPLOMA

Starting with the Class of 2010 and beyond  
The following subjects are needed to meet graduation requirements:

ADVANCED DIPLOMA	
Required/Elective Areas of Study	Units
English	4
*Mathematics	4
Science	3
World History or Geography (2011)	1
U.S. History	1
U.S. Government	1
**Physical Education	2
Health	½
***Use of Computers	½
Arts/Humanities or Occupational Ed.	1
Elective Electives	6
<b>TOTAL</b>	<b>24</b>
Student must achieve a minimum 3.25 unweighted GPA.	

\*Mathematics course units must include at least Algebra I or Algebra I H, or Applied Algebra I A and I B, or above.\*\* A maximum of ONE credit for Physical Education II will be granted if a student participates outside of the school day in interscholastic athletics or on a drill team, marching band, dance group, or cheerleading squad\*\*\* Satisfactory completion of a semester computer literacy course offered in grades 6, 7, or 8 will meet the requirement for the use of computers. To receive a diploma from a Nevada high school, students must pass the Nevada High School Proficiency Examination in addition to meeting course requirements. Students in the Class of 2010 and beyond must pass reading, writing, math, and science. Any student who completes course requirements but does not pass the Nevada High School Proficiency Examinations will receive a Certificate of Attendance rather than a diploma.

Students graduating in the Class of 2011 and beyond will be eligible for an Advanced Honors Diploma. Students planning to apply to universities with competitive admission requirements may pursue the CCSD Advanced Honors Diploma. The Advanced Honors Diploma requires additional rigorous coursework beyond those required for the Advanced Diploma. Students will be required to fulfill the 24.0 credit Advanced Diploma requirements (including 4-years of mathematics, 3-years of science and an additional Arts/Humanities or Career and Technical Education course) and must complete the Honors, International Baccalaureate (IB), or Advanced Placement (AP) courses required of the Honors Course Program. Students must achieve a minimum of a 3.25 unweighted GPA and 3.85 weighted GPA.

Honors Course Program	
Minimum Required Areas of Study in Honors/AP/IB	Units
English	3
Mathematics	2
Science	2
Social Studies	2
*Foreign Language	1
Elective	2
	Total Honors/AP/IB Units = 12

\* First year foreign language classes will not receive Honors credit.

**Weighted Honors Courses:** Students will earn a weighted grade point factor for successful completion of Honors, Advanced Placement (AP), and International Baccalaureate (IB) courses as follows:

Honors	.025
Advanced Placement (AP)	.050
International Baccalaureate (IB)	.050

**The weighted GPA cap for the Honors Program for students will be added as follows:**

- The weighted GPA cap for the Honors Program is no more than twenty-eight semesters (14 classes) of Honors/AP/IB courses.
- Students will receive a weighted grade point factor of .050 for four semesters (2 classes) of AP and/or IB courses and will also receive a weighted grade point factor of .025 for twenty-four semesters (12 classes) of Honors courses.
- Students who choose to enroll in only Honors level courses will receive a weighted grade point factor of .025 for twenty-eight semesters (14 classes) of Honors courses.
- The highest possible GPA under this system is 4.80.

#### **Advantages of the Honors Course Offerings**

Most competitive colleges and universities consider not only students' grades, but also their academic background evidenced by courses listed on the transcript, letters of recommendation from teachers and counselors, and SAT I or ACT scores.

Enrollment in the Honors Program will assist students in their preparation for college entrance exams.

- The weighted GPA is used when determining ranking in class.

**Students may take Honors courses even if they have not chosen to complete the requirements for the Advanced Honors or Honors Diploma.**

# Mission Statement

The W. Mack Lyon Middle School Community  
dedicates itself to continuous improvement  
to achieve academic excellence  
and social responsibility

## **Discrimination Language**

The Clark County School District does not knowingly discriminate against any person on the basis of race, color, creed, religion, national or ethnic origin, sex, age, or disability in admission or access to, or treatment or employment in, or participation in its programs and activities.