

# LEGG MIDDLE SCHOOL

## 7<sup>TH</sup> GRADE ENROLLMENT PACKET

### 2019-20 SCHOOL YEAR

Dear Parents and Guardians:

I hope that this school year has been a successful one for you and your child. Over the course of the sixth grade year, we trust that your child made a meaningful connection to school and is proud to be a LMS Cardinal. We are anxiously looking forward to a challenging and rewarding seventh grade year.

All seventh grade students will be divided into academic teams where they will get instruction in the core subjects of English, mathematics, science, and social studies. The academic teachers assigned to work with your child will have a common group of students for an extended period of time. This arrangement will allow us to deliver instruction more effectively, integrate curriculum topics, and create smaller groups of students. **If you would like to make a teacher request, please do so by completing the application that can be found on our website or in our middle school office. Applications need to be completed and turned in to the principal by FRIDAY, MAY 3, 2019.**

A seventh grade program sheet is included to help you orient yourself to the Legg curriculum. Your child's sixth grade math teacher has made recommendations for level placement in math. This was based on teacher observations of your child's abilities and test scores. Changes may occur if class sizes need to be adjusted. If you have questions or concerns about your child's placement, please do not hesitate to contact the math teacher or the Legg counseling staff.

The signed enrollment sheet needs to be returned to your child's second hour class by Monday, May 6, 2019. If you have any questions, please feel free to contact either of our counselors, Mrs. Bach or Mrs. Lyon-Welch at 279-5940.

Sincerely,

Julie Slusher

Julie Slusher, Principal  
Legg Middle School

# **LEGG MIDDLE SCHOOL 7TH GRADE ENROLLMENT COURSE LEVEL DESCRIPTIONS**

## **MATH 7**

This course is intended for the seventh grade student working at grade level in mathematics. Course materials are aligned to the Common Core State Standards. Concepts covered will include ratios, rates, proportions, percent, slope, linear functions and relationships, beginning algebraic concepts, graphing, geometry, data analysis, and solving word problems.

## **ACCELERATED MATH 7/8 (7<sup>TH</sup> & 8<sup>TH</sup> CURRICULUM)**

This course is designed for the 7<sup>th</sup> grade student who has demonstrated an exceptional aptitude for mathematics. Students are placed in this class based on scores on the algebra aptitude test, M-STEP test, NWEA and grades in 6<sup>th</sup> grade math. Course materials are aligned to the 7<sup>th</sup> and 8<sup>th</sup> grade Common Core State Standards as students will complete 2 years of math in 1 year. In this course emphasis is placed on algebraically solving and graphing linear equations. Other concepts include integers, rational numbers, exponents, nonlinear functions, geometry and problem solving. An understanding of the topics covered is essential for success in future courses in algebra and geometry.

## **ENGLISH 7**

This course incorporates reading and writing, training students to use a variety of strategies for both. Students will be instructed and given support necessary to draft narrative essays, argumentative essays, a comparison/contrast essay, and responses to literature. Students will read a variety of genres through units such as Mythology, Legacy, Confronting Adversity, Second Chances, and Difficult Choices.

## **WORLD HISTORY 7**

The seventh grade social studies curriculum focuses on early world history and geography. Students begin their exploration into world history with a focus on historical thinking. In this grade students investigate human history from the beginning until around 1500. They explore major and significant changes in each era through a chronological organization. Students learn about the earliest humans and explore early migration and settlement patterns. Students examine how the earliest societies set the stage for the development of powerful empires, trade networks and the diffusion of people, resources and ideas. Extending the study of world history through 1500 CE places world religions and development of empires in the Americas (Aztecs, Incas, Mayans) in their historical context. Students also examine the development of belief systems in their historical context. The course concludes with students analyzing global patterns of continuity and change over time and using evidence to construct historical arguments about the past.

## **SCIENCE 7**

This course will focus primarily on life and physical science concepts. The life science portion of this course will investigate cells, their organelle structure and life functions, the photosynthetic process used by green plants, the basic principles of genetics and inheritance of physical traits, and the principles of ecology and biological relationships. The physical science portion of this course will investigate the various forms and behavior of energy and how energy is transferred to living and non-living matter. Students will also become familiar with the chemical and physical properties of the elements and investigate how chemical elements and compounds interact during chemical reactions.

## **COURSE DESCRIPTION - 7<sup>TH</sup> GRADE**

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#### **HEALTH EDUCATION 7: REQUIRED FOR NINE WEEKS**

This course provides students with accurate information that they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision making skills are taught and practiced throughout the nine week course as students are encouraged to recognize that they have the power to choose healthy behaviors in order to reduce risks. The topics covered include self-esteem and body awareness, physical fitness and nutrition, substance abuse, puberty and body changes, living free of HIV, AIDS, and other STIs.

### **7<sup>TH</sup> GRADE ELECTIVES - COURSE DESCRIPTIONS**

#### **7<sup>th</sup> GRADE CHOIR: FULL YEAR**

Seventh grade choir is open to all students who are interested in singing. Students will learn to sing two-part and three-part music. Students will continue their focus on fundamentals of singing including tone, breath support, posture, pitch, rhythm, interpretation, and presentation. Students will learn to read music in treble- and bass-clefs. They will be able to identify key signatures up to three sharps and three flats and read rhythms in 2/4, 3/4, 4/4, 3/8, 6/8, and 9/8 time signatures. Students will learn to work cooperatively to prepare for performances. Students will be expected to participate in four performances, one each marking period.

#### **7<sup>TH</sup> GRADE BAND: FULL YEAR**

The seventh grade band is open to any student who completed sixth grade band. This class focuses on many of the basic musicianship skills each day. This class also incorporates elements from other core subjects such as math, history, reading, and writing. In addition, this class fosters an opportunity to develop fundamental life skills such as team work through the common goal of a performance, responsibility, and character building. The band performs both a winter and spring concert. The band also participates in the annual MSBOA Band and Orchestra Festival in March, and the Solo and Ensemble Festival in April.

#### **ART 7: NINE WEEKS**

Students will expand their knowledge and experience with the elements of art and in addition learn about the principles of design: balance, unity, emphasis, dominance, and contrast. Students will expand their techniques and abilities working with a variety of mediums in both 2-D and 3-D forms. Students will also expand their knowledge with abstract and realistic art and techniques.

#### **GENIUS HOUR 7: NINE WEEKS**

What if you could learn about anything you wanted to? In this elective students will have the chance to experience a variety of highly interactive activities through the use of research and debates in class. Students will be given time to pursue self-designed, choice-driven learning experiences. Genius Hour is an elective where passions come alive. Students will be challenged to create a project based on their own, individual talents. Students will also have the opportunity to research and debate their opinions on topics that impact their daily lives. Multiple technology tools and modes of communication will be utilized in this course. Students will individually (or in small groups) choose a topic they are interested in, complete long-term research and prepare projects to share with the class, school and world.

**WOODS & TECHNOLOGY 7: NINE WEEKS**

Students will be dividing their time in this nine week class between the technology lab and the wood shop. In the modular tech lab, students will study a variety of engineering topics through hands-on activities, computer applications and viewing multimedia resources. Students will also be working in the wood shop learning basic machining skills and building a small project. Students will be taking on an engineering challenge project similar to those in Science Olympiad.

**PHYSICAL EDUCATION 7: NINE WEEKS**

The physical education students will be involved in a variety of units during each nine-week period. The main objective of these units is to enhance student knowledge, skill proficiency, motor development, coordination, and social skills needed for life long physical fitness. Our goal is to encourage students to value their health through teaching developmentally appropriate physical education skills and lifetime sports. Grades will be based upon a straight percentage scale with letter grades assigned A-E. Students will have the opportunity to earn ten points per day based upon changing their clothes for class, behavior, and participating in the daily lesson.

**SCIENCE DISCOVERY: CSI: CRIME SCENE INVESTIGATION 7: NINE WEEKS**

Students will develop knowledge and skills in the use of basic crime scene investigation techniques. Through the use of hands-on laboratory activities, students will become familiar with several standard forensic analysis procedures including: handwriting analysis, human blood typing, hair and fiber identification, finger-print analysis, pen-ink chromatography, blood spatter analysis, and glass fracture analysis, among others. Ultimately, students will utilize these skills as they investigate a mock crime scene and correctly interpret what happened at the scene through careful analysis of the physical evidence.

**SCIENCE DISCOVERY: ENVIRONMENTAL SCIENCE 7: NINE WEEKS**

This course will explore the various aspects of the natural environment. Students will begin by becoming ecologists as they learn the relationship between living organisms and their environment. Students will explore the animal and plant biomes that exist on Earth. Hands-on activities and discussions will demonstrate the human impact on the environment regarding population growth, use of natural resources, agriculture, pollution, land and water usage, etc.

**7 HABITS FOR SUCCESS 7: NINE WEEKS**

The choices you make today directly impact your future. Make the right choices, learn habits for success, and become the best version of yourself! We will be exploring what it means to be a student in the digital age and how to find success. We will study *7 Habits of Highly Effective Teens*, journal, and engage in service projects to better ourselves and our community.

**SWIMMING 7: NINE WEEKS**

This course will include stroke development (free style, backstroke, breaststroke, butterfly, and side stroke), diving and water games. Students will also receive water safety instruction.

**I CAN CODE 7: NINE WEEKS**

In this course students enter the world of computer science by learning how to create animations, computer games and interactive projects. Using a variety of tools, students learn how to use math and computer code to think creatively. The course will show students how to make and import objects and use them to develop interactive projects.

**BRAIN GAMES 7: NINE WEEKS**

In this class students will get an in-depth, yet fun, look at what we understand about the brain. Students will use episodes and segments of National Geographic Channel's *Brain Games* to provide a foundation and use content from the program to conduct research, test hypotheses and write about how the brain works. Students will use skills from a variety of different subject areas and will get a chance to be out of their seats and moving frequently. Course content will address topics such as the road map of the brain, brain development, senses, fear, gender differences, brain health, sleep and left vs. right.

# LEGG MIDDLE SCHOOL 7TH GRADE ENROLLMENT FORM

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Student's Last Name

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First Name

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M.I.

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Phone number

## **TEACHERS: SELECT THE LEVEL OF CLASS RECOMMENDED**

1. Mathematics                      Sixth grade math teacher's signature \_\_\_\_\_  
2040    ( )    Math 7 Course 3 (7<sup>th</sup> Grade Curriculum)                      Full Year  
2060    ( )    Accelerated Math 7/8 (7<sup>th</sup> & 8<sup>th</sup> Curriculum) Full Year

## **REQUIRED FOR ALL STUDENTS**

2. English                              1030    ( X )    Full Year  
3. World History                      4020    ( X )    Full Year  
4. Science                                3020    ( X )    Full Year  
5. Health                                 75400   ( X )                                         Nine Weeks

## **ELECTIVE CHOICES: Optional: Can only pick one of the next two choices**

Band                                      5020    ( )    Full Year  
Choir                                       5050    ( )    Full Year

## **RATE REMAINDER OF THE CHOICES (1<sup>ST</sup> choice to 10th choice)**

Art                                         70200   ( )                                         Nine Weeks  
I Can Code                              70550   ( )                                         Nine Weeks  
Woods & Technology                70800   ( )                                         Nine Weeks  
Physical Education                    75200   ( )                                         Nine Weeks  
7 Habits for Success                 11980   ( )                                         Nine Weeks  
CSI: Crime Scene Investigation    30600   ( )                                         Nine Weeks  
Environmental Science               30700   ( )                                         Nine Weeks  
Swimming                                75250   ( )                                         Nine Weeks  
Brain Games                             21400   ( )                                         Nine Weeks  
Genius Hour                             30800   ( )                                         Nine Weeks

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Parent's Signature

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Date