

# **London Middle School**

## **Course Planning Guide**

**2019-2020**



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## Common Terminology

Elective - Subjects not required by the State of Ohio.

Prerequisite – Background requirements for taking a certain course or subject. This could include grades, grade level, previous course or interests and ability.

Required subject - State of Ohio or local school board mandates some subjects to be required for graduation.

Semester course - One half of the school year, usually expressed by: 1st semester, 2nd semester.

Fine Arts - Examples that could satisfy this description are: Art, Choir or Band.

## Schedule Change Policy

At the time students' register for classes, the counselor will discuss the seriousness of correct class selection. Many hours of preparation and study have been expended in the registration and scheduling process. The master schedule is developed to allow maximum utilization of facilities and staff while still providing students the opportunity to take a variety of classes. Course offerings and staff decisions are based upon the classes originally chosen by individual student course requests. **Once selected, changes will be allowed only for the following academic reasons and must be requested within no more than two weeks.**

1. Required course omitted from the schedule
2. Prerequisite for selected course not completed
3. Clerical or computer errors during the registration process
4. Unforeseen emergency situation
5. Students will not be moved due to personality conflicts

## Grading Scale for Middle School and High School Credits

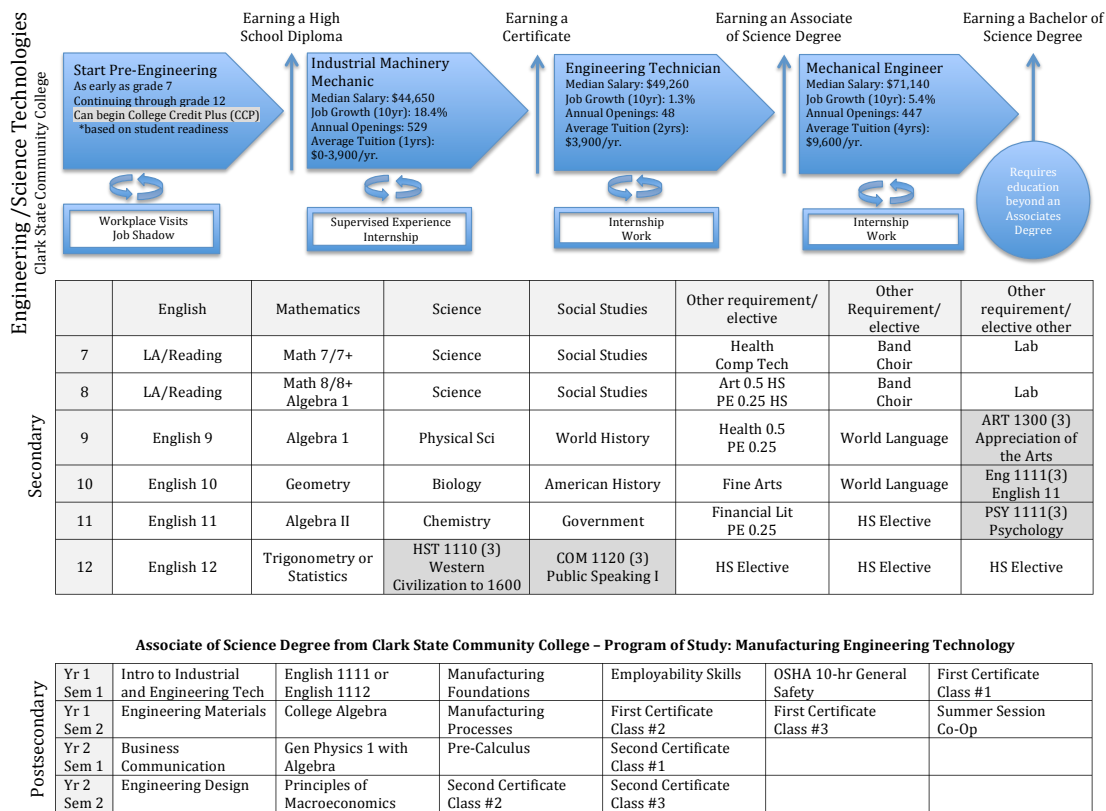
93-100	A
90-92	A-
88-89	B+
83-87	B
80-82	B-
78-79	C+
73-77	C
70-72	C-
68-69	D+
63-67	D
60-62	D-
0-59	F

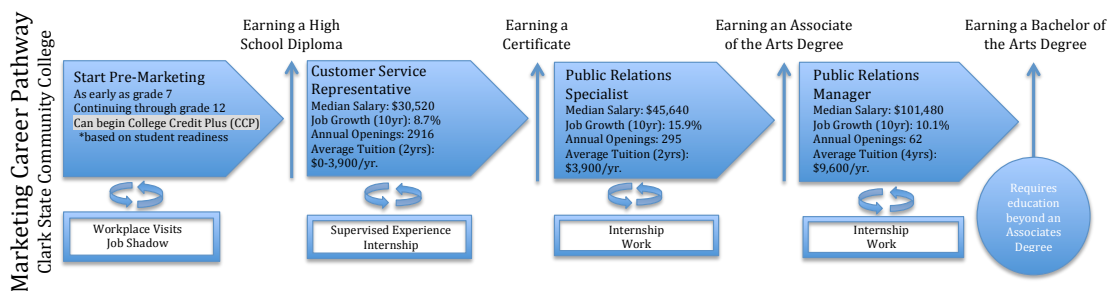
## College Credit Plus

College Credit Plus is a program that gives 7-12 students an opportunity to be enrolled in both high school and college course work at the same time. Students must be deemed academically ready for college level coursework and be willing to follow procedures outlined by the university while still in high school. While students may attend any participating two or four year college/university, London City Schools will be partnering with Clark State Community College, enabling students to enroll in classes at London High School. For information visit our website: <http://www.london.k12.oh.us/>

Below are examples of how students could earn 15 credit hours towards an Associates of Science Degree in Manufacturing Engineering Technologies or 30 credit hours towards an Associates of Arts in Marketing, from Clark State, while they are in the London City School system.

## Student Learning Pathways





	English	Mathematics	Science	Social Studies	Other requirement/ elective	Other Requirement/ elective	Other requirement/ elective other
7	LA/Reading	Math 7/7+	Science	Social Studies	Health Comp Tech	Band Choir	Lab ENG 1111 (3)
8	LA/Reading	Math 8/8+ Algebra 1	Science	Social Studies	Art 0.5 HS PE 0.25 HS	Band Choir	Lab ART 1300 (3) Art Appreciation
9	English 9	Algebra 1	Physical Sci	World History	Health 0.5 PE 0.25	World Language	PSY 1111 (3) Psychology I
10	English 10	Geometry	Biology	American History	Fine Arts	World Language	COM 1120 (3) Public Speaking
11	English 11	Algebra II	Chemistry	Government	Financial Lit PE 0.25	HST 1110 (3) West Civilization to 1600	SOC 1110 (3) Sociology
12	English 12	Trig Pre Calculus	GLG 1133 (4) Physical Geology	PHY 1200 (4) Intro Astronomy	MTH 1280 (4) College Algebra 1		

**Associate of the Arts Degree from Clark State Community College – Program of Study: Marketing**

Yr 1 Sem 1	Intro to Financial Accounting	English 1111 or English 1112	College Success	Organizational Behavior	Principals of Management	Business Mathematics
Yr 1 Sem 2	Marketing Management	English 1112 or Bus Comm	Principles of Microeconomics	Human Resource Management	Computer Concepts	Operations Management
Yr 2 Sem 1	Pricing Strategies	Electronic Business Apps	Sales and Sales Management	Logistics and Phys Distribution	Legal Environ of Business	Elective
Yr 2 Sem 2	Product Management	Promotion & IMC Strategies	Business Strategy/Seminar	Elementary Statistics 1		

## Course Offerings and Descriptions

All Courses Aligned to Ohio's New Learning Standards

London Middle School has made great efforts to align the London Middle School instructional schedule and London High School instructional schedule to broaden students educational experience with variety of course offerings. Students' access to these courses is subject to but not limited to student academic skills and course space availability. Middle School students completing high school courses at the middle school or high school campus shall receive credit that applies toward both state and subject area graduation requirements. In addition, grade points for these courses shall be awarded and considered in determining GPA and class rank. Note: These courses will appear on the high school transcript.

### **English/Language Arts**

646	ELA 6
647	Honors ELA 6
746	ELA 7
747	Honors ELA 7
846	ELA 8
847	Honors ELA 8

#### **646**

##### **ELA 6**

English Language Arts 6 includes both the study of English and Reading and is aligned to the state's common core standards. Writing, literature, reading, and communication skills are intertwined throughout the course. Students will focus on reading comprehension, vocabulary development, the writing process, literary study, language development, and lifetime study skills. It is imperative to be organized, responsible and turn assignments in on time.

#### **647**

##### **Honors ELA 6**

Honors English Language Arts 6 is aligned with the Common Core State Standards which include College and Career Readiness standards. In addition to the grade level expectations of ELA 6, this course incorporates higher academic rigor in independent work ethic, pacing, depth, and complexity. *Prerequisite: Students must earn 6 of 8 points on ELA honors rubric. See Appendix A.*

#### **746**

##### **ELA 7**

This course is aligned to the state's common core ELA standards. Students study the basic elements of composition, sentence structure, correct grammar usage, and paragraph writing. Much of the course is devoted to the study of literature, including novels, short stories, plays, and poetry. A variety of forms of communication are also studied. Students use existing school technology to exhibit grade appropriate knowledge of current multimedia resources.

**747**

**Honors ELA 7**

This course is aligned to the state's common core ELA standards and is designed for identified, highly able students who have met the prerequisites. The course further develops student reading and writing skills (see ELA 7) by enhancing the depth, complexity, and rigor of the core curriculum. Students use critical thinking skills in analyzing advanced, above grade level texts and are exposed to SAT vocabulary. *Prerequisite: Students must earn 6 of 8 points on ELA honors rubric. See Appendix A.*

**846**

**ELA 8**

Students in ELA 8 will increase their ability to analyze literature and informational text. Students will be expected to read closely to comprehend, question, and evaluate a variety of sources and media. Students will learn to write in a clear and concise manner to either persuade or inform the reader on student-based subjects. Students will expand their vocabulary through an extensive study of common Greek and Latin roots. Students will learn speaking and listening skills needed to engage in professional and educational conversations. Students will learn how to think critically, work collaboratively, and participate in a number of student led activities which promote responsibility and time management skills necessary for high school.

**847**

**Honors ELA 8**

Honors goes beyond ELA 8 with extended learning activities that require students to increase their use of critical thinking skills to include analysis, synthesis and problem solving. This course moves at an accelerated pace with a more concentrated focus, and independent learning activities. *Prerequisite: Students must earn 6 of 8 points on ELA honors rubric. See Appendix A.*

## **MATH**

6218	Math 6
6219	Math 6+
7237	Math 7
7238	Math 7+
8216	Math 8
8217	Math 8+
213	Algebra I
223	Geometry

### **6218**

#### **Math 6**

Math 6 is aligned to the Common Core State Standards. Instructional time in Sixth Grade Math will focus on the four critical areas that have been identified by the Ohio Department of Education. Students will connect ratio and rate to whole number multiplication and division and use concepts of ratio and rate to solve problems. Students will complete their understanding of division of fractions and extend the notion of number system of rational numbers, which includes both positive and negative numbers. Sixth graders will be able to write, interpret, and use numerical and algebraic expressions and equations. Students will also develop their understanding of statistical thinking. In addition to the four critical areas, students will extend their knowledge of geometry to solve mathematical problems involving area, surface area, and volume. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*

### **6219**

#### **Math 6+**

Common Core and state standard aligned - This course is designed to blend grades 6 and 7 math skills. It is designed to accelerate talented/gifted math students by arranging units beginning with the review of real and complex rational numbers and move the student into a deeper understanding of Algebraic thinking. The students will cover expressions, solving equations and inequalities while involving ratio, and proportional thinking, positive and negative numbers, and absolute value. Furthermore the students develop deeper Geometrical concepts in area, volume, polygons and 3 dimensional figures. The year ends with Statistics and Probabilities in recognizing statistical questions and using and plotting data. Students will carry these base concepts as they transition into upper level grades. The standards of mathematical practices are used and a key component as they are applied to equip students in making sense in problem solving and building tools to use in real world situations. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*



**7237****Math 7**

This course is aligned to the state common core Math standards. The curriculum focuses on setting up and solving equations, as well as a deep understanding of ratios and proportions. Students will work with negative numbers throughout the course, especially dealing with them in a real-world context. An emphasis will be placed on the 8 Mathematical Practices, which involve students problem solving and thinking logically, as well as communicating their ideas both verbally and in writing. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*

**7238****Math 7+**

This course is aligned to the state common core Math standards. The curriculum focuses on setting up and solving equations, as well as a deep understanding of ratios and proportions. Students will work with negative numbers throughout the course, especially dealing with them in a real-world context. An emphasis will be placed on the 8 Mathematical Practices, which involve students problem solving and thinking logically, as well as communicating their ideas both verbally and in writing. Since this course is advanced, students will be able to analyze concepts on a deeper level and will have a greater opportunity to showcase their understanding through projects and other hands-on learning. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*

**8216****Math 8**

This course is aligned to the state common core Math standards. The curriculum focuses on three critical areas. The first area is formulation and reasoning about expressions and equations, including modeling an association in bivariate data with linear equation, and solving linear equations and systems of linear equations. The second area is graphing the concept of a function and using functions to describe quantitative relationships. The third area is analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying Pythagorean Theorem. An emphasis will be placed on the 8 Mathematical Practices, which involve students problem solving and thinking logically, as well as communicating their ideas both verbally and in writing. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*

**8217**

**Math 8+**

This course is aligned to the state common core Math standards. The curriculum focuses on three critical areas. The first area is formulation and reasoning about expressions and equations, including modeling an association in bivariate data with linear equation, and solving linear equations and systems of linear equations. The second area is graphing the concept of a function and using functions to describe quantitative relationships. The third area is analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying Pythagorean Theorem. An emphasis will be placed on the 8 Mathematical Practices, which involve students problem solving and thinking logically, as well as communicating their ideas both verbally and in writing. Since this course is advanced, students will be able to analyze concepts on a deeper level and will have a greater opportunity to showcase their understanding through projects and other hands-on learning. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. See Appendix B*

**213**

**Algebra I**

1.00 High school credit. NCAA approved. This course is designed to review positive and negative numbers and the language of Algebra. Furthermore, the student will cover solving linear and quadratic equations, understand and utilize exponents, add, subtract multiply and divide polynomials, solve systems of equations, and graph linear functions. Scientific calculator required. This is a high school level course offered at the middle school. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. To be successful in this course it is recommended that a student have a 235 RIT score on the NWEA MAP 6+ Mathematics test. See Appendix B*

**223**

**Geometry**

1.00 High school credit. NCAA approved. The students will learn about points, lines and planes and how they make geometric figures. The students will learn how to organize information and present it in a logical order in two-column proofs. They will also learn how to do the basic construction of segments, angles, bisectors, parallel and perpendicular lines. They will study the basic trigonometric functions and be able to use them to solve problems. The students will learn properties of figures and find ways to compute area, surface area and volume. Scientific calculator required. This is a high school level course offered at the high school. *Prerequisite: Teaching staff will complete a Math Course placement rubric to assign course placement for students. To be successful in this course it is recommended that a student have a 245 RIT score on the NWEA MAP 6+ Mathematics test. See Appendix B*

## **SCIENCE**

648	Science 6
748	Science 7
848	Science 8

### **648**

#### **Science 6**

This course serves as a foundation for all three major branches of science: earth and space science, life science, and physical science. Earth and space topics include: rocks/minerals, rock cycle, soil, and soil formation. Topics covered in life science include: cell structure/function and the organization of living things. Physical science topics include: states of matter and potential and kinetic energy. This class will utilize laboratory experiences, whole class and small group discussions, interactive technology, and readings to convey the necessary content.

### **748**

#### **Science 7**

This course expands student's prior knowledge in physical, earth/space, and life science. Topics covered in this course include the scientific method, properties of matter, energy transfer, hydrological cycle, Earth's atmosphere and weather, moon cycle, biomes, and how matter/energy flow through an ecosystem. Proficient math and language arts skills are essential for students to complete laboratory work and class projects.

### **848**

#### **Science 8**

This course serves as a foundation for all three major branches of science: earth and space science, life science, and physical science. Earth and space topics include: geologic time, energy within earth, and Earth's dynamic surface. Topics covered in life science include: diversity of life, reproduction as a means of survival, and genetic inheritance. Physical science topics include: force, motion, and the various forms of potential energy. This class will utilize hands-on/minds-on laboratory experiences, whole class and small group discussions, interactive technology, and readings to convey the necessary content.

## **SOCIAL STUDIES**

658	Social Studies 6
758	Social Studies 7
858	Social Studies 8

### **658**

#### **Social Studies 6**

We are studying the ancient river civilizations, Mesopotamia, Egypt, India, and China. In studying these civilizations, we will learn about geography, history, governments, and economics. To demonstrate how they all came about, we will form our own civilizations in a civilization simulation competition where they will interact with each other and try to thrive.

### **758**

#### **Social Studies 7**

This course focuses on World Studies from 750 B.C. to 1600 A.D.: Ancient Greece to the First Global Age with key components in History, Geography, Government, and Economics.

### **858**

#### **Social Studies 8**

This course represents the chronological study of the history of the United States beginning with the Discovery of America in 1492 and concluding with the Civil War and Reconstruction in 1877. Students will examine the critical aspects of discovery, exploration, colonization, revolution, and independence. These units are followed by a more detailed explanation of the founding of our nation, principles of the United States Constitution, western expansion, social reform movements, and the Civil War and Reconstruction. As students study these historic eras, they develop a deeper understanding of their role as citizens and strengthen their critical thinking and inquiry skills as well as, continue to expand their command of participation in a democratic society.

## **RELATED ARTS**

	PE
711	High School PE
	Art
678	Art Foundations
	Computer Tech
	Health
	Lab

### **PE**

Physical Education combines fitness and conditioning concepts with traditional physical education. Students will learn how to properly socialize while respecting others' space in a physical, active environment. Emphasis will be place on the physical strands of movement, fitness, individual sports and games and lifetime fitness.

### **High School PE**

(0.25 high school credit)

Physical Education I is a required high school course that combines fitness/conditioning concepts with traditional physical education. Emphasis will be placed on the physical education strands of movement, fitness, individual sports, and lifetime sports. This is a participation course designed to improved the student's overall fitness level through exercise and basic weight training, while incorporating sports education rules, skills, and strategies.

### **Art**

Students begin with basic art techniques in 6<sup>th</sup> grade and progress to more advanced art techniques in 7<sup>th</sup> and 8<sup>th</sup> grade. We use media such as graphite, charcoal, paint, clay, plaster, fabric and more to create individualized works of art that are influences by famous artists.

### **Art Foundations**

(0.5 high school credit)

Art Foundations is an introduction to various art processes such as drawing, painting, and three-dimensional art. An emphasis is placed on composition, which involves the use of the formal art elements and principals. This course includes studio projects, history, criticism, and aesthetics. Students will be encouraged to create personally expressive art works.

**Computer Tech**

This course provides students with twenty-first century skills that are essential in today's global society. Through the use of current software tools and applications, students will identify, select and apply appropriate technology-enhanced products and presentations. In addition, students will use problem-solving skills and critical analysis to explore real world scenarios, study career options, develop electronic research strategies and practice effective communication techniques.

**Health**

London Middle School Health courses adhere to National Health Standards. Students will learn how to make better health enhancing choices. Topics covered include: stress management, including suicide prevention, alcohol, tobacco and other drugs, social and emotional health and abstinence education, body systems, decision making, conflict resolution, self esteem and nutrition.

**Lab**

Lab Hour is taken from the concept of Genius hour, which is a movement that allows students to explore their own passions and encourages creativity in the classroom. That said London Middle School staff is afforded the opportunity to create and explore their own and/or students passions in order to encourage creativity in the classroom. Also, this period offers students and opportunity to receive intervention or enrichment in areas such as math and reading.

## **FINE ARTS**

815	Beginning Band
825	Intermediate Band
835	Concert Band
612	High School Band
336	Choir 1
236	Choir 2

### **815**

#### **Beginning Band**

The Beginning Band class offers instruction on woodwind, brass, and percussion instruments with a focus on the skills necessary for long-term student success. Fundamentals stressed include proper posture and playing position, development of characteristic tone quality and training in music literacy. The Beginning Band class is meant for students who have not previously played an instrument. It is also ideal for those who already have some experience but who may need a review and reinforcement of music reading, playing fundamentals and technique that are vital for lasting musical development. Students of any grade level (5-8) are welcome. The group will perform three concerts during the year. There will be an honor band opportunity for select advanced students.

### **825**

#### **6th Grade (Intermediate) Band**

The 6th Grade (Intermediate) Band is for students who already have an understanding of basic music reading, instrument assembly and maintenance, correct playing position and sound tone production. Instruction offers continued focus on the refinement of tone quality, technique, aural skills and music literacy. Select students may have the opportunity to transition to secondary instruments. These include many of the larger and/or more expensive instruments, which may be provided by the school including oboe, bassoon, French horn, baritone and tuba. The group will perform four concerts/performances during the year. There will be an honor band opportunity for select advanced students.

### **825**

#### **7th Grade (Concert) Band**

The 7th Grade (Concert) Band is composed of students on all of the major woodwind and brass instruments as well as student percussionists. Instruction concentrates on advanced technical and expressive skills in an ensemble-focused setting with the goal of preparing students for high school band. The group will perform four concerts/performances during the year. There will be a few honor band opportunities for select advanced students.

**612**

**High School Band**

*Prerequisite: Admission to this ensemble (as an instrumentalist or Color Guard member) is by audition or approval by the band director. Cost – course fees. (1.0 high school credit)* This is an advanced (full year) music ensemble that includes marching band (August-October) pep band (during basketball season) and concert band the remainder of the year.

**336**

**Choir 1-** Is designed for the first-time singer. Students will be introduced to basic sight-singing techniques, music literacy, and literature. We will sing songs from a wide variety of styles that cover a wide variety of musical time periods. Students will work on good vocal health, expanding their voice ranges, and becoming better singers. There is no audition or prerequisite.

**Choir 2** – Is for the more advanced singer. Areas covered in CHOIR 1 will be expanded and improved upon. 3 and 4 part-singing will be a focus. This class prepares the middle school student for the rigors of the LHS vocal music program. Students must complete CHOIR 1 before advancing to CHOIR 2, or have permission from the instructor.



## **Extra Curricular Activities**

The London City School District takes great pride in providing a variety of opportunities beyond the classroom to further develop our students' unique capabilities, interests, and needs. Below is a list of co-curricular and extracurricular opportunities students may choose to participate in during the school year. Co-curricular activities are an extension of the formal learning experience in a course or academic program, while extracurricular activities may be offered or coordinated by the school, but may not be explicitly connected to academic learning.

### **Sports (7<sup>th</sup> and 8<sup>th</sup> grade)**

volleyball  
football  
cross country  
soccer  
basketball (boys and girls)  
wrestling  
cheerleading  
baseball  
softball  
track

### **National Junior Honor Society**

The National Junior Honor Society chapter of London Middle School is a duly chartered and affiliated chapter of the prestigious organization. Membership is open to those students who meet the required standards in five areas of evaluation: scholarship, leadership, service, citizenship and character. Standards for selection are established by the national office of NJHS and have been revised to meet our chapter needs. Students are selected to be members by a five member Faculty Council, appointed by the principal, which bestows this honor upon qualified students on behalf of the faculty of our school each year. Students in the second semester of seventh grade are eligible for membership. For the scholarship criterion, a student must have a cumulative GPA 3.7 or better on a 4.0 scale

### **Student Council**

Student Council represents London Middle School within the school and community. Student Council members are the "voice" of their classmates and aid in organizing and making decisions regarding various school events. Students complete an application and behavior contract each year to become a part of the Student Council organization based on the application and/or violations of the behavior contract.

### **Power of the Pen**

Power of the Pen is a creative writing competition for students in grades 7 and 8. Students who want to join the Power of the Pen team participate in one or more tryout sessions, in which they are given a prompt that they must base an essay or short story within 40 minutes. After the allotted time, each story is given to the coach, who evaluates the writing and chooses students who they think are best for the team based on their writing skills.

### **Yearbook**

Yearbook is a student run class that creates the annual Yearbook. Students are responsible for taking pictures, creating page layouts and submitting work. Students will be working with an online yearbook company to create the yearbook.

### **WLMS**

WLMS is a unique short video broadcast station that informs and helps connect our school to important topics. No matter what they do, either a broadcast over the radio or a TV broadcast, each teacher plays that broadcast for their students in their respective classes. Every broadcast is ended with our motivational motto "Remember, the LMS way leads to a great day!" Occasionally we will run a PSA to try and keep our school clean and healthy. Our show is educational, informative, and entertaining.

### **LMS Musical Production**

Each fall students in grades 6 through 8 are encouraged to participate in the musical. Auditions are held in September, after-school rehearsals then begin and the show is held before Thanksgiving break. There is usually a part for everyone...even if you are interested in helping behind the scenes.

### **Math Counts**

The MATHCOUNTS Competition Series is ideal for students who have a talent and passion for math who need to be challenged. Students will engage in exciting, "bee-style" contests in which they will compete against and alongside other bright, motivated students. Students enrolled in the sixth, seventh or eighth grade are eligible to participate. An unlimited number of students can participate in the school-level competitions; however, schools can only register up to 10 students who will represent the school at the chapter competition.

### **Robotics**

Robotics is an interactive club that focuses on the design, construction, and programming of robots. It provides learning opportunities in science, technology, engineering, and math (STEM). In addition, working as a team, club members enhance their communication and cooperation skills. Creativity abounds through the virtually limitless robotic creations. This club is available for students in grades 6 - 8.

## **Mock Trial**

Mock Trial is program that allows students to take on the various rolls within a courtroom. The "cases" are built around popular young adult novels. Students are then tasked to take on the prosecution and defense, as well as the witnesses for both sides. This experience allows students to immerse themselves in the story lines of each book and case. Students build a wealth of writing, speaking & listening skills, and reading comprehension as a result of this program. If you think you could be the next Atticus Finch, then all rise in the courtroom of the Mock Trial program.

## **Lab Hour**

Lab Hour is taken from the concept of Genius hour, which is a movement that allows students to explore their own passions and encourages creativity in the classroom. That said London Middle School staff is afforded the opportunity to create and explore their own and/or students passions in order to encourage creativity in the classroom. Below you will find the list of just some of those labs offered:

**Stock Market Challenge** - Students will learn about the stock market and be given their own money to invest. Groups will work together to find the ways to best invest their money to earn the highest profit possible. The group with the highest profit at the end of the quarter will win the contest.

**Computer Programming** - Students will learn computer programming through code.org. The site uses a visual programing language to teach computer programming. The curriculum includes online and "unplugged" activities that are done without a computer. Extensions include lessons on a text-based programming language and/or creating your own app.

**Drama** - Explore topics of empathy, kindness, tolerance, diversity and anti-bullying by reading Freak the Mighty by Rodman Philbrick/The Outsiders by S.E. Hinton. At the completion of the novel, we will enter our second part of the unit, which is planning and preparing the screenplay. Students will choose to be on one of five committees: Scenery, Props/Costumes, Playbill/Announcements, Actors/Actresses, and Music/Sound Effects. Lastly, students will perform their screenplay to other classes on the stage.

**Coding** - This lab focuses on the underlying concepts behind computer coding through guided lessons. Concepts taught in the course include sequencing, loops, debugging, conditionals, and nesting through both unplugged and online activities.

**Learning Blade** - Learning Blade introduces the student to STEM technologies and career opportunities through an entertaining game-based format. In this system, the student pursues engaging missions that solve a problem such as helping an injured dolphin, building an orphanage after a major earthquake, or solving energy and transportation needs in a new city. These student selected missions are engaging, interactive and ultimately integrate the processes of developing a student's interest in STEM, building awareness of STEM career opportunities, all while reinforcing Ohio academic learning standards and skills.

**Presenting & Language Lab** - This lab will be split into two parts. The first part will focus on researching, presenting and speaking skills. Students will refine these skills by researching a specific sport, creating a presentation, which outlines specifics of the sport and then presenting it to the class. After each presentation, students will pair up with a partner to combine their two sports and create a new sport. Students will have to pitch a proposed team name and logo along with the rules of this new sport to the class. The second part will focus on language. Students will choose either the Spanish or French language to explore. Through the website Duolingo, students will work toward mastering basics of each language. They will learn common vocabulary, sentence structure and pronunciation. The lab will culminate with a brief project where students will outline a few things they have learned.

**Mission Metacognition** - Our overall focuses will be improving reading comprehension skills, developing/maintaining positive and respectful values, and stretching our brains with critical thinking puzzles, all while having fun doing so! We will be tackling various weekly activities. In our lab, we will be working with a rigorous, research-based curriculum to go along with carefully selected Chicken Soup for the Soul stories to: • fight bullying • promote values such as tolerance, compassion, respect, and kindness • improve literacy. Literacy-based lessons proactively combat bullying behaviors by using real-life stories to teach new skills and develop tolerance, acceptance, respect, kindness, and compassion. In addition to honing in on our character, we will be delving into improving our reading comprehension skills. We will be utilizing the Achieve3000 online reading program weekly. This program is an excellent resource proven to raise student-reading levels in both fluency and comprehension. Students will track their progress in the program and it is encouraged that they do additional practice with Achieve3000 at home. Lastly, we will be implementing creative and challenging critical thinking activities. These activities will give students the opportunity to develop their critical thinking and problem-solving skills. They will support convergent/divergent thinking, visual memory, vocabulary development, forecasting and synthesizing and more! By implementing versatile intelligence and learning style exercises, students will be both engaged and motivated to learn.

## Appendix A

### ELA Honors Rubric

	Placement Criteria	Point Total
1	Spring Map Score	
	Grade 7 Score	Points
	at/above 91%	2
	84%-90%	1
	83% or below	0
	Grade 6 Score	Points
	at/above 91%	2
	82%-90%	1
	81% or below	0
	Grade 5 Score	Points
	at/above 91%	2
	80%-90%	1
	79% or below	0
2	Final Course Grade  Honors A= 3pts Honors B= 2pts Gen Ed A= 2pts	
3	Gifted/Talented in Reading or Super Cognitive 1 pt	
4	Teacher Recommendation* 1 pt	
	Total (Student needs 5 of 7 pts. to qualify for Honors placement)	

**\*\*Teacher recommendation for course based on work ethic, work completion, and class participation**

Grade 7 Score		Grade 6 Score		Grade 5 Score	
Percentile	RIT Cut Score/Range	Percentile	RIT Cut Score/Range	Percentile	RIT Cut Score/Range
at/above 91%	238 - higher	at/above 91%	235 - higher	at/above 91%	232 - higher
84%-90%	233 - 237	82%-90%	229 - 234	80%-90%	224-231
83% or below	232 - lower	81% or below	228 - lower	79% or below	223-lower

# Appendix B

## LMS Math Placement



Student Name: \_\_\_\_\_  
 Student ID: \_\_\_\_\_  
 Birthdate: \_\_\_\_\_

Special or Gifted Services: \_\_\_\_\_  
 If yes, explain. \_\_\_\_\_

Course	Spring MAP Achievement Percentile					Spring MAP Growth Indicator			Course Grades (see below for scores)*						Teacher Input			Score/84	7th Grade Placement Recommendation**:
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond		
6th Math	0	10	20	30	40	0	6	12							-10	0	10		
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond	Score/84	8th Grade Placement Recommendation**:
7th Math	0	10	20	30	40	0	6	12							-10	0	10		
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond	Score/84	9th Grade Placement Recommendation**:
8th Math	0	10	20	30	40	0	6	12							-10	0	10		
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond	Score/100	Placement Recommendation**:
Foundations of Algebra***	0	10	20	30	40	0	6	12							-10	0	10		
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond	Score/100	10th Grade Placement Recommendation**:
Algebra I	0	10	20	30	40	0	6	12							-10	0	10		
	0-59	60-69	70-79	80-89	90-100	Did not meet	Met	Exceeded	Q1	Q2	Exam	Q3	Q4	Exam	Poor Work Ethic	Neutral	Above & Beyond	Score/100	11th Grade Placement Recommendation**:
Geometry	0	10	20	30	40	0	6	12							-10	0	10		

*Course Grades Point System:			
A	8	D+	2
A-		D	
B+		D-	0
B	6	F	
B-			
C+			
C	4		
C-			

\*\*Placement recommendation may also include intervention.

\*\*By placement onl

### Example Related Arts/Music Schedule by Period

1	2	3	4	5	6	7	8
1 section RA 6 3 sections RA8	1 section RA 6 3 sections RA 8	3 sections RA 7 1 section RA 6	3 sections RA 6 1 section RA 7	2 sections RA 6 2 sections RA 7	Plan	2 sections RA 7 2 sections RA 8	HS Art HS PE YRBK
Band	Band	Band	Plan	Travel	HS	HS	HS
HS	HS	HS	HS	HS	Travel	Choir	Choir

Related Arts classes consist of 9 weeks of PE, Art, Technology and Health.