



Middle School COURSE CATALOG



Lochburn Middle School

Table of Contents

General Information	3	Mathematics	10
Health Examination	3	Miscellaneous	13
High School Credit for Courses Taken in Middle School	3	Music	15
Middle School Course Requirements	3	Performing Arts	17
Lochburn Middle School Courses	4	Physical Education	18
Art Visual	4	Science	18
Computer Information Science	5	Social Sciences and History	19
English	6	Technology Ed	20
Homeroom Advisory	9	World Language	21

General Information

Successful completion of middle school occurs when a student meets the academic expectations of the required program. Students who experience difficulty in doing this may be assigned to Tutorial and/or placed in an academic support course that runs either during the school day, before or after school, or in the summer so that they can receive additional assistance and help in achieving academic success.

Health Examination

A health examination is required of all students participating in interscholastic sports every two years.

High School Credit for Courses Taken in Middle School

New Washington State legislation requires the Clover Park School District to automatically add any high school course taken at the middle school to students' transcripts. Those courses include Algebra and Geometry. The transcript will reflect the credit as well as the letter grade, and the letter grade earned while in middle school will become part of the student's official grade point average (GPA) for high school. According to state law, high school graduation credit for courses taken in 7th or 8th grade may be removed from the high school transcript upon request by the student and parent/guardian prior to the end of the 11th grade. Algebra and Geometry qualify under this provision. (RCW 28A.230.090)

Courses include:

Algebra I, Geometry, Washington State History, Spanish I, Spanish II and Heritage Spanish.

Middle School Course Requirements

- Three years of Language Arts and Social Studies taken in 6th, 7th, and 8th grade.
- Three years of Mathematics taken in 6th, 7th and 8th grade.
- Three years of Science taken in 6th, 7th and 8th grade.
- Three semesters of Physical Education (one semester taken in 6th, 7th and 8th grade).

Lochburn Middle School Courses

Art Visual

6th Grade Art

Art (grade 6) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 6.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

6th Grade Art

Art (grade 6) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 6.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

7th Grade Art

Art (grade 7) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 7.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

7th Grade Art

Art (grade 7) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 7.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

8th Grade Art

Art (grade 8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 8.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

8th Grade Art

Art (grade 8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 8.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Screen Printing

Art-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Art, early childhood education through grade 8).]

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Screen Printing

Art-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Art, early childhood education through grade 8).]

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Computer Information Science

Animation & Game Design

Other Information Technology courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Animation & Game Design

Other Information Technology courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Digital Communication Tools

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Digital Navigation

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

Web Design & Physical Comput

Other Information Technology courses.

Credits 0.5

Corequisites

67011B-Web Design & Physical Comput

Grades

7

Schools

Lochburn Middle School

Web Design & Physical Comput

Other Information Technology courses.

Credits 0.5

Corequisites

67011A-Web Design & Physical Comput

Grades

7

Schools

Lochburn Middle School

English

6th Gr English Language Arts

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

20216B-6th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

6th Gr English Language Arts

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

20216A-6th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

6th Gr Honors English Lang Arts

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

20266B-6th Gr Honors English Lang Arts

Grades

6

Schools

Lochburn Middle School

6th Gr Honors English Lang Arts

Language Arts (grade 6) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

20266A-6th Gr Honors English Lang Arts

Grades

6

Schools

Lochburn Middle School

7th Gr English Language Arts

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

Credits 0.5

Corequisites

20217B-7th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

7th Gr English Language Arts

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

Credits 0.5

Corequisites

20217A-7th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

7th Gr Honors English Lang Arts

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

Credits 0.5

Corequisites

20267B-7th Gr Honors English Lang Arts

Grades

7

Schools

Lochburn Middle School

7th Gr Honors English Lang Arts

Language Arts (grade 7) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, these courses may also include using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7.

Credits 0.5

Corequisites

20267A-7th Gr Honors English Lang Arts

Grades

7

Schools

Lochburn Middle School

8th Gr English Language Arts

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

Credits 0.5

Corequisites

20218B-8th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

8th Gr English Language Arts

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

Credits 0.5

Corequisites

20218A-8th Gr English Language Arts

Grades

6,7,8

Schools

Lochburn Middle School

8th Gr Honors English Lang Arts

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

Credits 0.5

Corequisites

20268B-8th Gr Honors English Lang Arts

Grades

8

Schools

Lochburn Middle School

8th Gr Honors English Lang Arts

Language Arts (grade 8) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8.

Credits 0.5

Corequisites

20268A-8th Gr Honors English Lang Arts

Grades

8

Schools

Lochburn Middle School

ELL Instruction for Beginners

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to 'regular' English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Credits 0.5

Corequisites

25116B-ELL Instruction for Beginners

Grades

6

Schools

Lochburn Middle School

ELL Instruction for Beginners

English as a Second Language (ESL) courses are designed for the acquisition and rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to 'regular' English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

Credits 0.5

Corequisites

25116A-ELL Instruction for Beginners

Grades

6

Schools

Lochburn Middle School

Functional ELA Academics

Other Miscellaneous courses.

Credits 0.5

Corequisites

20992B-Functional ELA Academics

Grades

6,7,8

Schools

Lochburn Middle School

Functional ELA Academics

Other Miscellaneous courses.

Credits 0.5

Corequisites

20992A-Functional ELA Academics

Grades

6,7,8

Schools

Lochburn Middle School

Targeted English 6

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20281B-Targeted English 6

Grades

6

Schools

Lochburn Middle School

Targeted English 6

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20281A-Targeted English 6

Grades

6

Schools

Lochburn Middle School

Targeted English 7

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20282B-Targeted English 7

Grades

7

Schools

Lochburn Middle School

Targeted English 7

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20282A-Targeted English 7

Grades

7

Schools

Lochburn Middle School

Targeted English 8

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20283B-Targeted English 8

Grades

8

Schools

Lochburn Middle School

Targeted English 8

Language Arts-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Language Arts, early childhood education through grade 8).]

Credits 0.5

Corequisites

20283A-Targeted English 8

Grades

8

Schools

Lochburn Middle School

Homeroom Advisory

Advisory

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Credits 0.5

Corequisites

45600B-Advisory

Grades

6,7,8

Schools

Lochburn Middle School

Advisory

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Credits 0.5

Corequisites

45600A-Advisory

Grades

6,7,8

Schools

Lochburn Middle School

Mathematics

6th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

Credits 0.5

Corequisites

30456B-6th Grade Compact Math Program

Grades

6

Schools

Lochburn Middle School

6th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

Credits 0.5

Corequisites

30456A-6th Grade Compact Math Program

Grades

6

Schools

Lochburn Middle School

7th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

Credits 0.5

Corequisites

30457B-7th Grade Compact Math Program

Grades

7

Schools

Lochburn Middle School

7th Grade Compact Math Program

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general mathematics, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

Credits 0.5

Corequisites

30457A-7th Grade Compact Math Program

Grades

7

Schools

Lochburn Middle School

7th Grade Honors Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

Credits 0.5

Corequisites

30000B-7th Grade Honors Algebra

Grades

7

Schools

Lochburn Middle School

7th Grade Honors Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

Credits 0.5

Corequisites

30000A-7th Grade Honors Algebra

Grades

7

Schools

Lochburn Middle School

8th Grade Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

Credits 0.5

Corequisites

3ALG0B-8th Grade Algebra

Grades

8

Schools

Lochburn Middle School

8th Grade Algebra

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; solving quadratic equations; and modeling linear data. Specific content depends upon state standards.

Credits 0.5

Corequisites

3ALG0A-8th Grade Algebra

Grades

8

Schools

Lochburn Middle School

8th Grade Honors Geometry

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

Credits 0.5

Corequisites

3GEOMB-8th Grade Honors Geometry

Grades

8

Schools

Lochburn Middle School

8th Grade Honors Geometry

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal, etc.

Credits 0.5

Corequisites

3GEOMA-8th Grade Honors Geometry

Grades

8

Schools

Lochburn Middle School

8th Grade Pre-Algebra

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Credits 0.5

Corequisites

30008B-8th Grade Pre-Algebra

Grades

8

Schools

Lochburn Middle School

8th Grade Pre-Algebra

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Credits 0.5

Corequisites

30008A-8th Grade Pre-Algebra

Grades

8

Schools

Lochburn Middle School

Functional Math Academics

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30184B-Functional Math Academics

Grades

6,7,8

Schools

Lochburn Middle School

Functional Math Academics

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30184A-Functional Math Academics

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 6

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30181B-Targeted Mathematics 6

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 6

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30181A-Targeted Mathematics 6

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 7

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30182B-Targeted Mathematics 7

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 7

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30182A-Targeted Mathematics 7

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 8

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30183B-Targeted Mathematics 8

Grades

6,7,8

Schools

Lochburn Middle School

Targeted Mathematics 8

Mathematics-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Mathematics, early childhood education through grade 8).]

Credits 0.5

Corequisites

30183A-Targeted Mathematics 8

Grades

6,7,8

Schools

Lochburn Middle School

Miscellaneous

Academic Seminar

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Credits 0.5

Corequisites

62000B-Academic Seminar

Grades

6,7,8

Schools

Lochburn Middle School

Academic Seminar

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Credits 0.5

Corequisites

62000A-Academic Seminar

Grades

6,7,8

Schools

Lochburn Middle School

ESports Design and Programming

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Func Social Skls and Self-Mgmt

Other Miscellaneous courses.

Credits 0.5

Corequisites

81772B-Func Social Skls and Self-Mgmt

Grades

6,7,8

Schools

Lochburn Middle School

Func Social Skils and Self-Mgmt

Other Miscellaneous courses.

Credits 0.5

Corequisites

81772A-Func Social Skils and Self-Mgmt

Grades

6,7,8

Schools

Lochburn Middle School

Functional General Academics

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Functional General Academics

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Leadership

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

Credits 0.5

Corequisites

45903B-Leadership

Grades

6,7,8

Schools

Lochburn Middle School

Leadership

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

Credits 0.5

Corequisites

45903A-Leadership

Grades

6,7,8

Schools

Lochburn Middle School

NFTE Entrepreneurial Essential

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

NFTE Entrepreneurship I

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Office Assistant

Miscellaneous-Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Note: if the particular subject area is known, use the code associated with the Aide course within that subject area.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Personal Choices

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Personal Management

Other Miscellaneous courses.

Credits 0.5

Corequisites

81771B-Personal Management

Grades

6,7,8

Schools

Lochburn Middle School

Personal Management

Other Miscellaneous courses.

Credits 0.5

Corequisites

81771A-Personal Management

Grades

6,7,8

Schools

Lochburn Middle School

Strategies for School Success

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Strategies for School Success

Other Miscellaneous courses.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Teacher Asst A

Miscellaneous-Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Note: if the particular subject area is known, use the code associated with the Aide course within that subject area.

Credits 0.25

Grades

7,8

Schools

Lochburn Middle School

Teacher Asst B

Miscellaneous-Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students. Note: if the particular subject area is known, use the code associated with the Aide course within that subject area.

Credits 0.5

Grades

7,8

Schools

Lochburn Middle School

Yearbook

Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

Credits 0.5

Corequisites

20302B-Yearbook

Grades

8

Schools

Lochburn Middle School

Yearbook

Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

Credits 0.5

Corequisites

20302A-Yearbook

Grades

8

Schools

Lochburn Middle School

Music

Advanced Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35618B-Advanced Choir

Grades

6,7,8

Schools

Lochburn Middle School

Advanced Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35618A-Advanced Choir

Grades

6,7,8

Schools

Lochburn Middle School

Advanced Concert Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35018B-Advanced Concert Band

Grades

8

Schools

Lochburn Middle School

Advanced Concert Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35018A-Advanced Concert Band

Grades

8

Schools

Lochburn Middle School

Beginning Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35016B-Beginning Band

Grades

6

Schools

Lochburn Middle School

Beginning Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35016A-Beginning Band

Grades

6

Schools

Lochburn Middle School

Beginning Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35616B-Beginning Choir

Grades

6,7,8

Schools

Lochburn Middle School

Beginning Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35616A-Beginning Choir

Grades

6,7,8

Schools

Lochburn Middle School

Intermediate Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35017B-Intermediate Band

Grades

7,8

Schools

Lochburn Middle School

Intermediate Band

General Band courses help students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music.

Credits 0.5

Corequisites

35017A-Intermediate Band

Grades

7,8

Schools

Lochburn Middle School

Intermediate Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35617B-Intermediate Choir

Grades

6,7,8

Schools

Lochburn Middle School

Intermediate Choir

Chorus courses develop students' vocal skills within the context of a large choral ensemble in which they perform a variety of styles of repertoire. These courses are designed to develop students' vocal techniques and their ability to sing parts and include experiences in creating and responding to music.

Credits 0.5

Corequisites

35617A-Intermediate Choir

Grades

6,7,8

Schools

Lochburn Middle School

Music Appreciation

Music Appreciation courses provide students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

Performing Arts

Drama

Drama-General courses involve content that is not grade differentiated and may apply to a range of consecutive grades (e.g., 'by third grade, students should know and be able to do...'). These courses include content that may be applicable to states or localities that do not employ grade-level content standards. [These courses provide broad content that is not organized as described elsewhere (i.e., Drama, early childhood education through grade 8).]

Credits 0.5

Grades

6,7,8

Schools

Lochburn Middle School

One Semester

Repeatable for credit

Physical Education

6th Grade Physical Education

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6.

Credits 0.5

Grades

6

Schools

Lochburn Middle School

7th Grade Physical Education

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

7th Grade Physical Education

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

8th Grade Physical Education

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

8th Grade Physical Education

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Science

6th Grade Science

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

40706B-6th Grade Science

Grades

6

Schools

Lochburn Middle School

6th Grade Science

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

40706A-6th Grade Science

Grades

6

Schools

Lochburn Middle School

7th Grade Science

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

Credits 0.5

Corequisites

40771B-7th Grade Science

Grades

7

Schools

Lochburn Middle School

7th Grade Science

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7.

Credits 0.5

Corequisites

40771A-7th Grade Science

Grades

7

Schools

Lochburn Middle School

8th Grade Science

Engineering Design and Development courses provide students with the opportunity to apply engineering research principles as they design and construct a solution to an engineering problem. Students typically develop and test solutions using computer simulations or models but eventually create a working prototype as part of the design solution.

Credits 0.5

Corequisites

40788B-8th Grade Science

Grades

8

Schools

Lochburn Middle School

8th Grade Science

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8.

Credits 0.5

Corequisites

40788A-8th Grade Science

Grades

8

Schools

Lochburn Middle School

Social Sciences and History

6th Gr SS: Ancient/Medvl Wrld

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6.

Credits 0.5

Corequisites

45666B-6th Gr SS: Ancient/Medvl Wrld

Grades

6

Schools

Lochburn Middle School

6th Gr SS: Ancient/Medvl Wrld

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6.

Credits 0.5**Corequisites**

45666A-6th Gr SS: Ancient/Medvl Wrld

Grades

6

Schools

Lochburn Middle School

7th Gr SS: Washington St Hist

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

Credits 0.5**Corequisites**

45777B-7th Gr SS: Washington St Hist

Grades

7

Schools

Lochburn Middle School

7th Gr SS: Washington St Hist

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7.

Credits 0.5**Corequisites**

45777A-7th Gr SS: Washington St Hist

Grades

7

Schools

Lochburn Middle School

8th Gr SS: US Hist -Discv Past

U.S. History-Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

Credits 0.5**Corequisites**

45418B-8th Gr SS: US Hist -Discv Past

Grades

8

Schools

Lochburn Middle School

8th Gr SS: US Hist -Discv Past

U.S. History-Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

Credits 0.5**Corequisites**

45418A-8th Gr SS: US Hist -Discv Past

Grades

8

Schools

Lochburn Middle School

Technology Ed

Robotics I

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

Credits 0.5**Grades**

7

Schools

Lochburn Middle School

Robotics II

Robotics courses help students develop and expand their skills and knowledge of robotics and related scientific and engineering topics. Course topics may include principles of mechanics, electronics, hydraulics, pneumatics, programmable logic controllers. These courses may emphasize the use of engineering principles to design and build robots, construct and connect sensors, and program robots in the programming language.

Credits 0.5**Grades**

8

Schools

Lochburn Middle School

Stem Tech I

Other Engineering and Technology courses.

Credits 0.5**Grades**

7

Schools

Lochburn Middle School

Stem Tech I

Other Engineering and Technology courses.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

Stem Tech II

Other Engineering and Technology courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Stem Tech II

Other Engineering and Technology courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

World Language

Heritage Spanish Grade 6

Other Spanish courses.

Credits 0.5

Grades

6

Schools

Lochburn Middle School

Heritage Spanish Grade 6

Other Spanish courses.

Credits 0.5

Grades

6

Schools

Lochburn Middle School

Heritage Spanish Grade 7

Other Spanish courses.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

Heritage Spanish Grade 7

Other Spanish courses.

Credits 0.5

Grades

7

Schools

Lochburn Middle School

Heritage Spanish Grade 8

Other Spanish courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Heritage Spanish Grade 8

Other Spanish courses.

Credits 0.5

Grades

8

Schools

Lochburn Middle School

Introduction to Spanish

Spanish Conversation and Culture courses provide students with an introduction to the Spanish language and the culture(s) of Spanish-speaking people, placing greater emphasis on speaking and listening skills while deemphasizing writing and reading the language.

Credits 0.5

Grades

6

Schools

Lochburn Middle School

Introduction to Spanish

Spanish Conversation and Culture courses provide students with an introduction to the Spanish language and the culture(s) of Spanish-speaking people, placing greater emphasis on speaking and listening skills while deemphasizing writing and reading the language.

Credits 0.5

Grades

6

Schools

Lochburn Middle School

Spanish I

Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Credits 0.5

Corequisites

25717B-Spanish I

Grades

7,8

Schools

Lochburn Middle School

Spanish I

Designed to introduce students to Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Credits 0.5

Corequisites

25717A-Spanish I

Grades

7,8

Schools

Lochburn Middle School

Spanish II

Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Credits 0.5

Grades

7,8

Schools

Lochburn Middle School

Spanish II

Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

Credits 0.5

Grades

7,8

Schools

Lochburn Middle School