Chatterton Middle School COURSE CATALOG

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6th Grade Required Academic Courses



English Language Arts 6

Course ID: 6100A&B, 6106A&B

Students learn to become proficient and confident readers, writers, speakers, and listeners. In sixth grade, students read a variety of fiction and nonfiction pieces. Reading strategies, the elements of literature, and literary concepts are taught through leveled resources and/or other literature selections. The course is designed to develop fluent writers and speakers through practice in descriptive, informative, persuasive, and narrative forms of communication. The distinct areas of grammar usage, mechanics, vocabulary, and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year.

ELA Elements 6

Course ID: 6166A&B

Students learn to become proficient and confident readers, writers, speakers, and listeners. In sixth grade, students read a variety of fiction and nonfiction pieces. Reading strategies, the elements of literature, and literary concepts are taught through leveled resources and/or other literature selections. The course is designed to develop fluent writers and speakers through practice in descriptive, informative, persuasive, and narrative forms of communication. The distinct areas of grammar usage, mechanics, vocabulary, and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year. The pace and content of this course is modified to accommodate special education students.

*Students will be placed in ONE of the following Math Courses based on Teacher Recommendation and Local and State Testing Results

Math 6

Course ID: 6200A&B, 6206A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts.

Math Elements 6

Course ID: 6266A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The pace and content of this course is modified to accommodate special education students.

Honors Math 6

Course ID: 6201A&B

Students in this course learn the concepts of Math 6 at a faster pace in order to begin portions of the 7th grade curriculum. Students in this course are preparing to take Algebra in the 8th grade. The pace of the class is rigorous. Students are selected based on 5th grade teacher recommendations and state and district level testing results.

Science 6

Course ID: 6300A&B, 6306A&B

Sixth grade science students learn aspects of physical science, chemistry, life science, earth science and the scientific method. Students will utilize the MiStar Science Curriculum.

Social Studies 6

Course ID: 6400A&B

In sixth grade social studies, students learn how to interpret visual information that is found on maps. Students will begin to identify and describe the influence of physical and human geography on culture using the five themes of geography. They will gain a basic understanding of place geography and apply this knowledge to better understand the following regions: Canada, Latin America, Europe, Africa, and South and Southeastern Asia.

Social Studies Elements 6

Course ID: 6466A&B

In sixth grade social studies, students learn how to interpret visual information that is found on maps. Students will begin to identify and describe the influence of physical and human geography on culture using the five themes of geography. They will gain a basic understanding of place geography and apply this knowledge to better understand the following regions: Canada, Latin America, Europe, Africa, and South and Southeastern Asia. The pace and content of this course is modified to accommodate special education students.

6th Grade Encore Courses



Art 6 Course ID: 6500

The elements and principles of art are taught through art history and cultural exposures. Introduction into two-dimensional and three-dimensional forms of art will be explored.

General Music 6 Course ID: 6520

Team Sports 6

Singing development as well as how to play the recorder are taught over the semester in General Music. Students will explore their interest in singing and can move into Choir as a 7th or 8th grade student.

Physical Fitness 6 Course ID: 6601, 6602

Physical education class is an introduction to a diverse selection of individual sports, team sports, aquatics and fitness activities. In sixth grade physical education, students are introduced to proper positioning in games/ activities, teamwork, skill mechanics, and health and skill related fitness concepts.

Band 6 Course ID: 6560A&B & 6570A&B

This course is comprised of students are interested in learning to play an instrument. Students will be able to develop their skill toward mastery of their instrument. This group will be split into woodwinds and brass classes. Performance attendance and activity participation required.

Creative Writing 6 Course ID: 6850

This course is an exploration of writing for enjoyment. Topics will include poems, short stories, and choose your own adventure pieces. Students will complete work in presentation formats for review by peers and staff.

Intro to World Languages Course ID: 6535

This course is an exploration into World Languages. Several languages will be studied. Students will focus on the rules and mechanics of other languages while learning basic terms. Students will prepare a speaking piece to present to the class.

7th Grade Required Academic Courses



English Language Arts 7

Course ID: 7100A&B, 7107A&B

Students will grow in proficiency and confidence as readers, writers, speakers, and listeners. In seventh grade, students further develop their strategies as readers of fiction and nonfiction, along with their proficiency in communicating their ideas in the four major areas of writing: descriptive, informative, persuasive, and narrative. The distinct areas of grammar usage, mechanics, vocabulary, and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year.

ELA Elements 7

Course ID: 7177A&B

Students will grow in proficiency and confidence as readers, writers, speakers, and listeners. In seventh grade, students further develop their strategies as readers of fiction and nonfiction, along with their proficiency in communicating their ideas in the four major areas of writing: descriptive, informative, persuasive, and narrative. The distinct areas of grammar usage, mechanics, vocabulary, and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year. The pace and content of this course is modified to accommodate special education students.

*Students will be placed in ONE of the following Math Courses based on Teacher Recommendation and Local and State Testing Results

PreAlgebra 7

Course ID: 7200A&B, 7207A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts.

PreAlgebra Elements 7

Course ID: 7277A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The pace and content of this course is modified to accommodate special education students.

Honors PreAlgebra 7

Course ID: 7201A&B

Students in this course continue with the 7th grade curriculum that was started in Honors Math 6. They will also cover portions of Math 8. Students in this course are preparing to take Algebra in the 8th grade. The pace of the class is rigorous. Students are placed in this course based on their 6th grade Math placement as well as state and local test results.

Science 7

Course ID: 7300A&B, 7307A&B

Seventh grade science students learn aspects of physical science, chemistry, life science, earth science and the scientific method. Students will utilize the MiStar Science Curriculum.

Social Studies 7

Course ID: 7400A&B

In seventh grade Global Connections, students are introduced to ancient world civilizations. Their development is explored through examining patterns and relationships among the geography, history, culture, economy, and government of these civilizations. Strategies emphasized include reading to infer, interpret and draw conclusions to support a claim, writing to produce clear and informative explanations and summaries.

Social Studies Elements 7

Course ID: 7477A&B

In seventh grade Global Connections, students are introduced to ancient world civilizations. Their development is explored through examining patterns and relationships among the geography, history, culture, economy, and government of these civilizations. Strategies emphasized include reading to infer, interpret and draw conclusions to support a claim, writing to produce clear and informative explanations and summaries. The pace and content of this course is modified to accommodate special education students.

8th Grade Required Academic Courses



English Language Arts 8

Course ID: 8100A&B, 8108A&B

Students continue their growth as readers and writers, and are introduced to literary analysis and formal research. In eighth grade, course instruction starts to develop sophistication in the reading and writing processes. The distinct areas of grammar usage, mechanics, vocabulary and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year.

ELA Elements 8

Course ID: 8188A&B

Students continue their growth as readers and writers, and are introduced to literary analysis and formal research. In eighth grade, course instruction starts to develop sophistication in the reading and writing processes. The distinct areas of grammar usage, mechanics, vocabulary and spelling receive explicit instruction that is integrated within the written assignments and books read throughout the year. The pace and content of this course is modified to accommodate special education students.

Honors English Language Arts

Course ID: 8150A&B

Students in this course are chosen for their work ethic and testing scores in seventh grade English Language Arts. This course is a rigorous version of English Language Arts 8. The goal of the course is to prepare students for high school honors courses.

*Students will be placed in ONE of the following Math Courses based on Teacher Recommendation and Local and State Testing Results

Math 8

Course ID: 8200A&B, 8208A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts.

Math Elements 8

Course ID: 8288A&B

On a daily basis, students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. The course helps students to develop multiple strategies to solve problems and to recognize the connections between concepts. The pace and content of this course is modified to accommodate special education students.

Algebra 8

Course ID: 8250A&B

Algebra I is a course that builds upon basic arithmetic skills developed in previous courses. Topics covered include linear, quadratic, exponential, and polynomial functions, with emphasis placed on multiple representations and real world examples. The TI-Nspire graphing calculator is used frequently throughout the course. Students who complete this course with a C or better earn High School Credit for the course.

Science 8

Course ID: 8300A&B, 8308A&B

Eighth grade science students learn aspects of physical science, chemistry, life science, earth science and the scientific method. Students will utilize the MiStar Science Curriculum.

Social Studies 8

Course ID: 8400A&B

This course contains a combination of chronological and thematic approaches. Concentrating on 17th through 19th century topics, this interdisciplinary course features both domestic and foreign policy themes. Students will analyze how people and events have contributed to the foundation of our nation. Students will work with primary and secondary source material to begin to determine the meaning of content vocabulary.

Social Studies Elements 8

Course ID: 8488A&B

This course contains a combination of chronological and thematic approaches. Concentrating on 17th through 19th century topics, this interdisciplinary course features both domestic and foreign policy themes. Students will analyze how people and events have contributed to the foundation of our nation. Students will work with primary and secondary source material to begin to determine the meaning of content vocabulary. The pace and content of this course is modified to accommodate special education students.

7th & 8th Grade Encore Courses



Art

Course ID: 9501

The elements and principles of art are taught through art history and cultural exposures. Two-dimensional and three-dimensional forms of art will be explored.

Chinese 1

Course ID: 7590A&B

The objective of this course is to establish a foundation of Chinese in four language skills (listening, speaking, reading and writing). Students learn to use the language meaningfully and begin to develop the facility to communicate in the context of the Chinese-speaking world. Basic grammar and vocabulary are taught in terms of function and application to real-life situations. Students listen to tapes recorded by native speakers, participate in daily speaking and listening activities, and write simple, guided sentences. Students who complete this course with a C or better will receive one High School Credit. This is a full year course.

Choir

Course ID: 9520

Emphasis in this class is given to two- and three-part harmony, including three part mixed choral selections. Individual development of musical skills as well as the group experience is stressed. Music studied and performed includes varied stylistic periods and cultural backgrounds. The concert experience is considered a part of the course requirement

7th Grade Band 8th Grade Band Course ID: 7570A&B/8570A&B

The band studies and plays various styles of music, with a strong emphasis on the finest literature available. Public concerts are performed each year with student participation considered part of the course requirements. There are also numerous enrichment opportunities, including Solo and Ensemble Festival and various small ensembles. Practice is a must for all band members

Creative Writing

Course ID: 9610

This course is an exploration of writing for enjoyment. Topics will include poems, short stories, and choose your own adventure pieces. Students will complete work in presentation formats for review by peers and staff.

Drama

Course ID: 9540

This course is an exploration of theater. It will introduce all aspects of working on a play production from set design, costumes, performance, and directing. Students will work individually and in groups to work on small performance pieces. This introduction will prepare students for Theater at the High School.

Academic Literacy

Course ID: 2400A

ELA Lab is a course to improve reading, writing and literacy skills. Students will work in three distinct stations for the majority of the course: Independent at their own level, Assistive Technology with Adaptive Program, and Teacher Guided Group. All three stations aim to improve the student's overall reading level and academic success. Students will be placed into this course based upon NWEA Reading Assessment Test scores. This course is not available for student selection.

Intro to World Languages

Course ID: 9800

This course is an exploration into World Languages. Several languages will be studied. Students will focus on the rules and mechanics of other languages while learning basic terms. Students will prepare a speaking piece to present to the class. Students will be better prepared to complete the World Languages Credits required for High School Graduation

Physical Fitness Team Sports

Course ID: 9601/9602

In seventh and eighth grade, students will apply the concepts and skills of positioning, teamwork, skill mechanics, and health and skill related fitness concepts in class activities

Spanish 1

Course ID: 7595A/7595B

The beginning level of Spanish helps students to develop proficiency in speaking, reading, and writing in simple sentences. This course will help students increase their knowledge and appreciation of the diverse cultures of the countries whose language they are learning.

Product Development STEM

Course ID: 9750

This course is designed to help students understand the field of STEM and engineering technology possibilities. Students will work individually and in design teams to create hands-on projects such as airplane design, water rockets, balsa bridge construction, sail and mouse trap cars, and beginning drafting and design. The students will be exposed to building, programming, and designing of these different types of projects.

English Language Learner Courses



The following courses are for English Learner students who have a proficiency placement on the World-class Instructional Design and Assessment (WIDA) or students who are newcomer English Learner students.

ELL English Language Arts

Course ID: 4100/4101

This class has been specifically designed for ELL students. Students are placed in this class based on WIDA and reading scores, as well as elementary/content area teacher recommendations. The goal for this class is to improve every student's language performance, in all 4 domains: listening, speaking, reading, and writing. The ultimate goal for each student is to meet the requirements for language acquisition proficiency, and be academically successful.

ELL Support

Course ID: 4500/4501

This class has been specifically designed for ELL students. Students are placed in this class based on WIDA and reading scores, as well as elementary/content area teacher recommendations. The goal for this class is to improve every student's language performance, in all 4 domains: listening, speaking, reading, and writing. The ultimate goal for each student is to meet the requirements for language acquisition proficiency, and be academically successful.

Special Education Courses



These courses are designed for students who have an Individualized Education Plan (IEP) who receive self contained support services.

Reading Foundations Course ID: 5150A&B

This course consists of the various elements to work on increasing a students reading skills, reading comprehension skills and critical thinking about a presented text. The class will include elements of literature, grammar, and writing.

Science Foundations Cour

Course ID: 5100A&B

This course consists of science concepts and inquiry in the areas of ecology, global climate change, humans and how they interact with the environment, matter and it's interactions, motion and stability, energy, waves and their applications, molecule to organisms, ecosystems and heredity. Students will be able to identify basic concepts in each area of science and use their understanding to predict outcomes based on a scientific model or law.

Social Studies Foundations Course ID: 5250A&B

This course consists of using current events to understand the world and community we live in. Students will assess the influence of television, the Internet, and other forms of electronic communication on the creation and diffusion of cultural and political information, worldwide. Students will also be able to determine the central ideas or information of a primary or secondary source; provide an accurate summary that makes clear the relationships among the key details and ideas.

Mathematics Foundations Course ID: 5200A&B

This course consists of using math and applying math concepts in real life situations. Students will be able to identify and compare whole numbers, decimals and fractions, identify the place value of a digit in a number (whole numbers and decimals), round whole numbers, find and describe number patterns. Students will also be able to apply number knowledge to cooking, money and budgeting tasks.