Curriculum Designed for Today’s Students to Master Tomorrow’s Skills

A Strong Curriculum is Essential for a Great Education

Our catalog of more than 600 proven, standards-based courses and instructional tools integrate the essential elements necessary for quality online learning, including custom-built lesson plans that feature a rich scope and sequence, and cutting-edge interactive content. We bring personalized learning to students everywhere through a proven curriculum, the latest instructional tools, certified teachers skilled in online instruction, and a dedicated program manager committed to understanding your students’ needs and tailoring solutions to meet them. Our advanced technology provides access to the curriculum, tracks academic performance, and facilitates communication while students learn and prepare for college and/or career.
Table of Contents

Courses at a Glance
K–5 .................................................. 4
6–8 .................................................. 5
9–12 .................................................. 6

Grades K–5
Kindergarten ........................................... 8
First Grade .......................................... 9
Second Grade ....................................... 10
Third Grade ......................................... 11
Fourth Grade ....................................... 12
Fifth Grade .......................................... 13
K–5 Electives ......................................... 14
Gifted & Talented .................................... 15

Grades 6–8
Language Arts ........................................ 18
Math ................................................... 18
Science ............................................... 18
Social Studies ....................................... 20
Electives ............................................. 20
Gifted & Talented .................................... 22

Grades 9–12
English ............................................... 25
Math .................................................. 26
Science ............................................... 27
Social Studies ....................................... 28
Business Management ........................... 29
Career Technical (CTE) ........................... 29
Health and PE ...................................... 32
Humanities ......................................... 33
Other ............................................... 35
Technology ......................................... 36
AP® Courses ....................................... 38

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# Courses at a Glance

## K–5

<table>
<thead>
<tr>
<th>Language Arts</th>
<th>Social Studies</th>
<th>Health and PE</th>
<th>Gifted and Talented</th>
</tr>
</thead>
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<td>Language Arts K A</td>
<td>Social Studies K A</td>
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<td>Gifted and Talented Math 5 B</td>
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<td>Gifted and Talented Science 3 A</td>
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| Math K B | Social Studies K B | Physical Education 1 | Gifted and Talented Math 3 B |
| Math 1 A | Social Studies 1 A | Physical Education 2 | Gifted and Talented Math 4 A |
| Math 1 B | Social Studies 1 B | Physical Education 3 | Gifted and Talented Math 4 B |
| Math 2 A | Social Studies 2 A | Physical Education 4 | Gifted and Talented Math 5 A |
| Math 2 B | Social Studies 2 B | Physical Education 5 | Gifted and Talented Math 5 B |
| Math 3 A • | Social Studies 3 A | | Gifted and Talented Science 3 A |
| Math 3 B • | Social Studies 3 B | | Gifted and Talented Science 3 B |
| Math 4 A • | Social Studies 4 A | | Gifted and Talented Science 4 A |
| Math 4 B • | Social Studies 4 B | | Gifted and Talented Science 4 B |
| Math 5 A • | Social Studies 5 A | | Gifted and Talented Science 5 A |
| Math 5 B • | Social Studies 5 B | | Gifted and Talented Science 5 B |
| State History 3 | | | |
| State History 4 | | | |

<table>
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<th>Health and PE</th>
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<tr>
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</tbody>
</table>

**Key**
- Also available as an Essential level course: Essential courses are offered to provide students with added support in prerequisite concepts and skills.
- **Please note:** The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Learning.
- Course list subject to change.
- Not all courses available in all states
# Courses at a Glance 6–8

## Language Arts
- Language Arts 6 A
- Language Arts 6 B
- Language Arts 7 A
- Language Arts 7 B
- Language Arts 8 A
- Language Arts 8 B

## Mathematics
- Algebra Readiness A (Pre-Algebra) 8 •
- Algebra Readiness B (Pre-Algebra) 8 •
- Math 6 A •
- Math 6 B •
- Math 7 A •
- Math 7 B •

## Science
- Science 6 A
- Science 6 B
- Science 7 A
- Science 7 B
- Science 8 A
- Science 8 B

## Social Studies
- Social Studies 6 A
- Social Studies 6 B
- Social Studies 7 A
- Social Studies 7 B
- Social Studies 8 A
- Social Studies 8 B

## Humanities
- Art 6 A
- Art 6 B
- Art 7 A
- Art 7 B
- Art 8 A
- Art 8 B
- Exploring Music I
- Exploring Music II
- Exploring Music III
- Home Life
- Middle Chinese I **
- Middle Chinese II **
- Middle Sign Language
- Middle Spanish I **
- Middle Spanish II **

## Health and PE
- Health & Physical Education 6
- Health & Physical Education 7
- Health & Physical Education 8

## Other
- Middle School Art and Design ♦

## Technology
- Business Keyboarding
- Ed Tech and Online Learning 6
- Ed Tech and Online Learning 7
- Ed Tech and Online Learning 8
- WebQuest

## Gifted and Talented
- Gifted and Talented Language Arts 6 A ♦
- Gifted and Talented Language Arts 6 B ♦
- Gifted and Talented Language Arts 7 A ♦
- Gifted and Talented Language Arts 7 B ♦
- Gifted and Talented Language Arts 8 A ♦
- Gifted and Talented Language Arts 8 B ♦
- Gifted and Talented Math 6 (Pre-Algebra) A
- Gifted and Talented Math 6 (Pre-Algebra) B
- Gifted and Talented Math 7 (Algebra 1) A
- Gifted and Talented Math 7 (Algebra 1) B
- Gifted and Talented Math 8 (Geometry) A
- Gifted and Talented Math 8 (Geometry) B
- Gifted and Talented Science 6 A
- Gifted and Talented Science 6 B
- Gifted and Talented Science 7 A
- Gifted and Talented Science 7 B
- Gifted and Talented Science 8 A
- Gifted and Talented Science 8 B

### Key
- Also available as an Essential level course: Essential courses are offered to provide students with added support in prerequisite concepts and skills.
- ♦ Designates course is new, revised, or expanded
- † Must accompany G&T Literature Study
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<table>
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<th>Language Arts</th>
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<tr>
<td>English 9 A *</td>
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<tr>
<td>English 9 B *</td>
<td>World Geography</td>
</tr>
<tr>
<td>English 10 A *</td>
<td>World History A *</td>
</tr>
<tr>
<td>English 10 B *</td>
<td>World History B *</td>
</tr>
<tr>
<td>English 11 A *</td>
<td>Business Management</td>
</tr>
<tr>
<td>English 11 B *</td>
<td>Entrepreneurship: Starting</td>
</tr>
<tr>
<td>English 12 A *</td>
<td>Your Own Business A †</td>
</tr>
<tr>
<td>English 12 B *</td>
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</tr>
<tr>
<td>Journalism A</td>
<td>Your Own Business B †</td>
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<td>International Business †</td>
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<tr>
<td>Speech and Debate</td>
<td>Advertising and Sales Promotion †</td>
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<td>Sports Management</td>
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<td>Career Technical</td>
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<tr>
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<td>Advanced Algebra with Financial Applications A</td>
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<tr>
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<td>2-D Animation †</td>
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<td>Algebra 1 A *</td>
<td>Astronomy: Exploring the</td>
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<tr>
<td>Algebra 1 B *</td>
<td>Universe †</td>
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<tr>
<td>Algebra 2 A *</td>
<td>Fashion and Interior Design †</td>
</tr>
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<td>Forensic Science †</td>
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<tr>
<td>Calculus A</td>
<td>Administrative Duties and Office Management</td>
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<td>Anatomy &amp; Physiology</td>
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<tr>
<td>Geometry A</td>
<td>Criminal Investigation</td>
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<td>Precalculus A</td>
<td>Health, Safety &amp; Nutrition</td>
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<td>Introduction to Business</td>
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<td>Introduction to Communication</td>
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<td>Introduction to Early Childhood Education</td>
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<td>Introduction to Finance</td>
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<td>Introduction to Homeland Security</td>
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<td>Introduction to Law</td>
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<tr>
<td>Earth Science B *</td>
<td>Introduction to Medical Assisting</td>
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<tr>
<td>Earth Space Science A *</td>
<td>Introduction to Paralegal Profession</td>
</tr>
<tr>
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</tr>
<tr>
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<td>Introduction to Sociology</td>
</tr>
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<td>Introductory Astronomy</td>
</tr>
<tr>
<td>Marine Science A *</td>
<td>Java Programming I</td>
</tr>
<tr>
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<td>Java Programming II</td>
</tr>
<tr>
<td>Physical Science A *</td>
<td>Leadership and Supervision in Business</td>
</tr>
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<td>Medical Law and Ethics</td>
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<td>Principles of Management</td>
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<td>American Government A *</td>
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<td>HS Critical Thinking and Study Skills</td>
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** Also offered as an Honors course

† Designates course also offers a Foundations level

‡ Designates course is new, revised, or expanded

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Course list subject to change.

Not all courses available in all states
Grades K–5

Course Descriptions
Kindergarten

**Language Arts A&B**
In kindergarten, students build a foundation for successful reading as they explore topics and apply reading, writing, speaking, and listening skills outlined in national and state standards. Learning activities combine phonics, listening, comprehension, and vocabulary instruction with daily exposure to books, including literature and informational texts. A combination of interactive and hands-on exercises encourages the development of fine motor skills. Students learn language skills as well as letter formation, and they practice these by drawing, dictating, and writing. By the end of kindergarten, many students will be reading, and all students should be able to recognize consonants as well as long and short vowel sounds.

**Math A&B**
Mathematical thinking and problem solving are introduced in kindergarten. Students explore topics and apply mathematical practices outlined in national and state standards. They learn how to identify numbers, write numbers zero to 20, and count to 100 by ones and tens. They also describe, sort, and compare objects and learn basic shapes. Stories and activities introduce addition and subtraction. A combination of interactive and hands-on exercises teaches students about money, time, fractions, and measurement.

**Science A&B**
The key to science is to stimulate curiosity. A combination of interactive and hands-on exercises encourages students to observe, describe, measure, and question the world around them. Life, Earth, and physical sciences are introduced. Students investigate living things, such as plants and animals, and nonliving things, such as matter and mixtures.

**Social Studies A&B**
Students learn the concepts of community, nation, and world in this course. They answer essential questions including: “How do people get what they need?”; “How is culture shared?”; and “How does life change throughout history?” A combination of interactive and hands-on exercises teaches students about personal responsibility, good citizenship, and basic geography. While learning about America's past and important historical figures, students research their personal history and heroes.

**Electives**

**Art**
In art, students explore color, line, and shape. A combination of interactive and hands-on studio projects encourages students to create art. They sharpen their fine motor skills and explore the areas of art they find interesting. Artistic modes include drawing, painting, assembling, and sculpting. Course may not be considered elective in some states.

**Educational Technology and Online Learning ◊**
In this course, students explore the features of a draw and paint program as a tool to support emerging reading, writing, and mathematics skills. They learn to locate letters and numbers on the keyboard. A study skills unit introduces them to listening and visualization skills that support learning across the school day. Students also learn to recognize safe and responsible use of technology resources so they can become model digital citizens.

**Physical Education**
In kindergarten, physical education encourages students to develop their fine motor skills, movement, and confidence to enjoy healthy physical activity regularly. A combination of interactive and hands-on activities teaches students essential skills. Students learn how to respect themselves and others while playing. Course may not be considered elective in some states.

◊ Course requires a free third-party download
First Grade

**Language Arts A&B †**
In this course, students master key foundational skills. They are exposed to a variety of fiction and nonfiction stories organized into themes such as “Getting to Know Us” and “Our Community.” Examining literature through themes helps students make connections between texts and relate reading topics to personal knowledge and interests. Students build writing fluency by responding to various prompts, and they work toward mastery of standard language conventions through daily grammar and mechanics practice. The course teaches students how to communicate purposefully by giving them the opportunity to participate in collaborative discussions and take turns talking and listening carefully to a partner.

**Math A&B**
In this course, students learn mathematical concepts related to addition and subtraction, measuring lengths, time, and representing and interpreting data. They also learn about counting, place value, comparing two-digit numbers, using models to add and subtract, reasoning with shapes, and parts of figures. Students use problem solving, reasoning, communicating, representing, and making connections to form mathematical concepts. The course supports the development of students’ mathematical thinking by building both conceptual knowledge and procedural fluency.

**Science A&B**
This course encourages students to explore the natural world. They study Earth, its resources, ways to protect them, and how plants and animals grow and change. They create a model of a mountain and investigate the way sunlight affects leaves. Students also learn about the scientific method and explore possible careers in science.

**Social Studies A&B**
Students learn about the ways people contribute to their communities and work together to the benefit of all. This course explores the concepts of good citizenship, neighborhoods, and economics. Students also study maps, photographs, biographies, illustrations, poetry, and music to help explain the concept of communities and extend it to the larger world.

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**Electives**

**Art**
Students expand their understanding of color, line, and shape. Activities include drawing, cutting, creating designs, and paper construction. The concepts of texture and three-dimensional forms are also introduced. Course may not be considered elective in some states.

**Educational Technology and Online Learning ◊**
In this course, students build on foundational skills while using software to draw, type, and format text, and they create presentations to support academic skills. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.

**Physical Education**
Each week, students learn new games and activities that are grouped in thematic units including Making Healthy Choices and Games Around the World. In addition to doing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport. Course may not be considered elective in some states.

† Designates course is new, revised, or expanded
◊ Course requires a free third-party download
Second Grade

Language Arts A&B †
In this course, students develop reading, writing, listening, and speaking skills essential for future success. Students expand their vocabularies while using an array of strategies—including main idea, problem and solution, and author’s purpose—to comprehend complex texts. A variety of stories are organized into relevant themes such as friends and family, live and learn, and our life/our world. Students enjoy daily independent reading routines. Additionally, they use the writing process to produce various compositions including narrative texts, informative texts, and opinion texts. Students also master standard language conventions through daily grammar and mechanics practice. Engaging activities and discussions help students become proficient listeners and speakers.

Math A&B
In this course, students learn mathematical concepts related to addition and subtraction, even and odd numbers, time, and money. They also learn about measuring length, graphs and data, shapes and their attributes, and place value using models. Students use problem-solving, reasoning, communicating, representing, and making connections to form mathematical concepts. The course supports the development of students’ mathematical thinking by building both conceptual knowledge and procedural fluency.

Science
This course stimulates students’ curiosity about the world around them. They investigate energy and changing states of matter, such as liquid water changing to water vapor, and they create a weather chart. Students enjoy hands-on and virtual activities as they investigate the importance of water and vegetation in life science and explore forces in physical science.

Social Studies
Students explore basic concepts of history, geography, economics, and government while discovering more about world cultures. Students practice basic map, chart, graph, and critical-thinking skills. They also learn about ordinary people who demonstrate good citizenship and famous people who have influenced our country and the world.

Electives

Art
Students learn how the elements and principles of art are combined to create unique and expressive artwork. They explore how art is connected to other subjects such as science and math. Students also learn the basics of drawing, painting, and three-dimensional design. Course may not be considered elective in some states.

Educational Technology and Online Learning ◊
In this course, students use appropriate technology tools and resources to complete projects and solve problems. Students use software to draw, write, organize, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.

Physical Education
Each week, students learn a new game or activity based on thematic units including Games You Can Make and Games Around the World. In addition to doing the activities described in the lessons, students have the option of participating in yoga or an individual or a team sport. Course may not be considered elective in some states.

† Designates course is new, revised, or expanded
◊ Course requires a free third-party download
Language Arts A&B †
In this course, students use critical thinking and reading comprehension skills to analyze texts. Using a multi-draft reading approach, students make connections between their readings and the world. They will be asked questions such as, “How can learning help us grow?” and “What are ways people can take action?” Through the five-stage writing process—prewriting, drafting, revising, editing, and publishing—students practice writing quality sentences and well-organized compositions. Daily reading and writing activities help students continue to master spelling, grammar, and language skills. Students will also learn the strokes of cursive handwriting.

Math A&B
In this course, students learn mathematical concepts related to multiplication and division, patterns, rounding, and mental math. They also learn about 2-D shapes, area, perimeter, fractions, interpreting data, time, mass, and capacity. Students use problem solving, reasoning, communicating, representing, and making connections to form mathematical concepts. The course supports the development of students’ mathematical thinking by building both conceptual knowledge and procedural fluency.

Science
Students explore the living world and the sky above. In life science, students begin by analyzing things that make up our living world and then study life cycles and the ecosystems. They study the composition of Earth as well as its location in relation to the sun and moon. In physical science, students investigate the properties of matter.

Social Studies
This course centers on the theme of community, focusing on history, along with civics, economics, and geography. Students compare communities and examine the American political system, including the Declaration of Independence, the U.S. Constitution, and the three branches of government, all within the context of a citizen’s rights and responsibilities. Students are introduced to economics by studying money, prices, and supply and demand, with a special emphasis on making good personal economic decisions.

State History
This course offers an introduction to state history. The student will trace the state’s history from the early history through the present time. The course focuses on the state’s people, government, economy, resources, culture, and geography. The course introduces analytical skills such as recognizing change and continuity over time, identifying cause and effect, and arguing reason. Students will also develop 21st century skills such as effective communication and creative thinking. Course not available in all states.

Electives
Art
Students engage in arts and crafts that explore the characteristics of the four seasons. As they study the art of various cultures, they will be introduced to art history and art criticism. Students also use a variety of media to create two- and three-dimensional projects. Course may not be considered elective in some states.

Educational Technology and Online Learning ◊
In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible users of technology as they learn about Internet safety and appropriate online behavior.

Physical Education
By third grade, students are expected to understand and demonstrate clearly defined combinations of movements, and they learn one or more new activities each week. The students learn the importance of nutrition as it relates to health and physical fitness. Students also have the option of participating in yoga or an individual or a team sport. Course may not be considered elective in some states.

† Designates course is new, revised, or expanded
◊ Course requires a free third-party download
Fourth Grade

Language Arts †
In this course, students use critical thinking and reading comprehension skills to analyze texts. Using a multi-draft reading approach, students make connections between their readings and the world. They will be asked questions such as, “How can a challenge bring out our best?” and “How do different writers treat the same topic?” Through the five-stage writing process—prewriting, drafting, revising, editing, and publishing—students practice writing quality sentences and well-organized compositions. Daily reading and writing activities help students continue to master spelling, grammar, and language skills. Students will also learn the strokes of cursive handwriting.

Math
In this course, students learn mathematical concepts related to place value, adding and subtracting multi-digit whole numbers, strategies for multiplication and division, factors, multiples, algebra, and patterns. They also learn about fraction equivalence, calculating fractions, comparing decimals, interpreting data, angles, lines, shapes, and measurement. Students use problem solving, reasoning, communicating, representing, and making connections to form mathematical concepts. The course supports the development of students’ mathematical thinking by building both conceptual knowledge and procedural fluency.

Science
Students in this course use the scientific method to complete hands-on and virtual explorations. In the area of life science, they explore the differences and similarities among organisms. In Earth science, students investigate the differences between rocks and minerals and explore forces and forms of energy. Students are also introduced to the idea of a career in science.

Social Studies
A regional approach is used to examine the geography and history of the United States in this course. During their studies, students learn how to use different types of maps and apply geographic skills and concepts. The course emphasizes the role of the individual in the community and the concept of change over time. (course may vary by state)

State History
This course offers an introduction to state history. The student will trace the state’s history from the early history through the present time. The course focuses on the state’s people, government, economy, resources, culture, and geography. The course introduces analytical skills such as recognizing change and continuity over time, identifying cause and effect, and arguing reason. Students will also develop 21st century skills such as effective communication and creative thinking. Course not available in all states.

Electives

Art
In this course, students are introduced to works of art from several continents. As they become more familiar with art elements and the principles of design, they learn how these are applied in creating visual art in diverse cultures around the world. In addition, students use various media to create two- and three-dimensional projects. Course may not be considered elective in some states.

Educational Technology and Online Learning
In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students become responsible users of technology as they learn about Internet safety, appropriate online behavior, and effective search and website evaluation strategies.

Physical Education
By fourth grade, students are ready for more advanced instructions for both individual and partner activities. They understand rules and the importance of following them, and their hand-eye coordination has improved. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. Students have the option of participating in yoga or an individual sport. Students also have the option of participating in yoga or an individual or a team sport. Course may not be considered elective in some states.

‡ Designates course is new, revised, or expanded
Language Arts †
In this course, students use critical thinking and reading comprehension skills to analyze texts. Using a multi-draft reading approach, students make connections between their readings and the world. They will be asked questions such as, “What kinds of experiences can lead to new discoveries?” and “How do we decide what’s important?” Through the five-stage writing process—prewriting, drafting, revising, editing, and publishing—students practice writing quality sentences and well-organized compositions. Daily reading and writing activities help students continue to master spelling, grammar, and language skills. Students will also learn the strokes of cursive handwriting.

Math
In this course, students learn mathematical concepts related to place value, adding and subtracting decimals, using models to multiply and divide, the coordinate plane, algebra, patterns, and relationships. They also learn about 2-D figures, operations with fractions, volume, converting measurements, interpreting data, and equivalent expressions. Students use problem solving, reasoning, communicating, representing, and making connections to form mathematical concepts. The course supports the development of students’ mathematical thinking by building both conceptual knowledge and procedural fluency.

Science
Students continue to sharpen their investigative skills. In life science, students examine the living world, and in physical science, they explore characteristics of matter, sound, and light. Students also learn about Earth’s composition and the forces that shape its surface. The scientific method is reinforced, and careers in science are discussed.

Social Studies
In this course, students trace the history of the United States from the earliest Americans to the 21st century. Students practice map skills as they chart the growth of the nation and develop their ability to compare, sequence properly, and interpret sources. Students also study how geography has affected culture and historic events.

Electives

Art
Students are introduced to various works of art, and they become familiar with art elements and the principles of design. They examine how these elements and principles were applied to create visual art in different time periods and cultures. Students use assorted media to create two- and three-dimensional projects. Course may not be considered elective in some states.

Educational Technology and Online Learning
In this course, students use appropriate technology tools and resources to complete projects, manage information, and solve problems. Students use software to write, organize, analyze, and present information. Students learn listening and organizational skills and set attainable learning goals. Students become responsible communicators and users of technology as they learn about intellectual property, Internet safety, and effective search and evaluation strategies.

Physical Education
By fifth grade, students understand the concept of fair play and playing by the rules. Respecting themselves and others is emphasized during cooperative physical education activities. Students learn the importance of nutrition and exercise as they relate to health and physical fitness. Students also have the option of participating in yoga or an individual or a team sport. Course may not be considered elective in some states.
K–5 Electives

Discovering Music I, II, III (3-5)
Designed for students in grades 3–5, these courses teach students fundamental musicianship skills from a Western Classical approach while aligning to national music education standards. The courses challenge students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades.

Elementary Chinese I and II **
Students learn Mandarin Chinese through conversations with a native speaker. Cultural explorations lead students to make connections between their cultures and those of people in the Mandarin-speaking world. These introductory courses use many interactive components to engage students with the Chinese language and culture. (The courses are offered for students in third, fourth, and fifth grade.)

Elementary Sign Language
This course introduces students to the fundamentals of American Sign Language through the use of vocabulary, grammar, and conversation as well as basic signing and fingerspelling techniques. Special activities and exercises also help students understand the culture of the deaf and hard of hearing community.

Elementary Spanish I and II **
These highly interactive courses enable students to communicate with a native speaker and make connections between their culture and the culture of people in the Spanish-speaking world. Students further develop their Spanish communication skills as they study familiar topics such as school, clothes, and community. (These courses are offered for students in third, fourth, and fifth grade.)

Experiencing Music I, II, III (K-2)
Designed for students in grades K–2, these courses introduce younger students to the basic components of music: melody and rhythm. Students use these components to explore their own voices by creating beats and rhythms. In addition, students use critical-listening skills to analyze music they hear as they participate in interactive experiences. With audio, visual, and interactive technologies, these courses provide a unique and advanced learning experience for students in these grades.

Home Life
In this course, students select from a number of projects that develop skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy. Projects feature photography as well as textiles and clothing.

WebQuest
This interactive elective provides the student the opportunity to participate in an individualized WebQuest experience that connects to the local community and allows the student to become an active, contributing member of the community. The course is based on the student's research about and participation in an effort that is focused on maintaining or improving the local community's environment.

In this course, the student will choose an aspect of the local community's environment that has special interest to the student and work on a project over the course of 12 visits. During each visit the student will do some research or data collection, take notes to build the portfolio project to be submitted later in the course, and complete activities to support the community effort. The community activity can either be with a group or as an individual.

Ideally, the student will continue to support the community effort even after the course has ended.

** This course requires a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided.
Gifted and Talented Math 3 A&B
In Gifted and Talented Math 3 A, the student will learn mathematical concepts related to multiplication and division, patterns, rounding, mental math, and representing and interpreting data on line plots.

In Gifted and Talented Math 3 B, the student will learn mathematical concepts related to fraction equivalence, adding, subtracting, and multiplying fractions, comparing decimals, using whole numbers to solve problems, area, and perimeter.

Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

Gifted and Talented Math 4 A&B
In Gifted and Talented Math 4 A, the student will learn mathematical concepts related to place value, adding and subtracting multi-digit whole numbers, adding and subtracting decimals, using models to multiply and divide, the coordinate plane, algebra, patterns and relationships.

In Gifted and Talented Math 4 B, the student will learn mathematical concepts related to angles, shapes and measurement, 2D figures, operations with fractions, volume, converting measurements, interpreting data, equivalent expressions, the coordinate plane, patterns and relationships.

Concepts are developed using mathematical processes of problem-solving, reasoning, communicating, representing, and making connections. Building both conceptual knowledge and procedural fluency supports the student's development of mathematical thinking and reasoning in solving various problems of authentic contexts.

Gifted and Talented Math 5 A&B
For qualifying students, this first-semester course reinforces students' understanding of mathematical concepts in preparation for higher level courses. Students learn to create, analyze, and interpret graphs in their study of statistics. Geometry continues to be explored, with students classifying polygons and using measurement skills to find the perimeter, area, and volume of geometric figures. In addition to learning basic probability and permutations, students begin their algebra studies with solving equations and inequalities.

Gifted and Talented Science 3 A&B
This course introduces science as an adventure in learning about the world around us. Through hands-on activities, student-designed experiments, research, and guided readings, students begin exploring the life and Earth sciences. In the Earth science unit, students learn about the Earth and its changing features. In life science, they explore the living world and its organisms. Designed to accommodate a variety of learning styles, the lessons encourage students to apply new concepts through activity-centered learning, reading, and traditional research and instruction methods. Students also explore the scientific method and various careers in science.
Gifted and Talented Science 4 A&B
This course deepens the student's understanding of the life and Earth sciences through observation, research, and experimentation. Our life science unit explores the differences and commonalities between organisms. The Earth science unit investigates the Earth's different land features and how to care for the Earth in the 21st century. Students become engaged while observing seed growth, exploring the effects of flooding on a riverbank, and conducting a variety of experiments.

Gifted and Talented Science 5 A&B
This exciting course encourages students to see themselves as scientists by empowering them to make their own discoveries. Students begin by studying the roles of scientists and the scientific method and then explore the Earth and life sciences in the context of the discoverer. In life science, they study cells and heredity. In Earth science, students design their own experiments for investigating the earth's composition and the factors affecting that composition. A range of activity-based learning and traditional instruction engages students of diverse learning styles.
Grades 6–8
Course Descriptions
**Language Arts 6 A&B**
In sixth grade, through the literature of authors such as Jane Yolen, Francisco Jiménez, and e.e. cummings, students ponder such questions as, “What's fair and what's not?”; “What makes a hero?”; and “What makes you who you are?” While exploring the literary genres of informational text, biography, autobiography, persuasive text, poetry, fiction, folktales, nonfiction, and drama, students strengthen their reading and writing skills and vocabulary development.

**Language Arts 7 A&B**
In seventh grade, through the literature of authors such as Rita Dove, Gary Soto, and Langston Hughes, students think about questions like, “How can we become who we want to be?”; “Whom can we really count on?”; and “Who influences us?” While exploring the literary genres of informational text, biography, fiction, persuasive text, nonfiction, folktales, poetry, and historical documents, students strengthen their reading and writing skills and vocabulary development.

**Language Arts 8 A&B**
In eighth grade, through the literature of authors including Maya Angelou, Yoshiko Uchida, and Nikki Giovanni, students contemplate questions such as, “How do you stay true to yourself?”; “How do you keep from giving up when bad things happen?”; and “What is the American dream?” While exploring the literary genres of autobiography, biography, folktales, informational text, poetry, fiction, drama, persuasive text, and historical text, students strengthen their reading and writing skills and vocabulary development.

**Algebra Readiness A&B (Pre-Algebra) (8)◊**
In this course, the student will be introduced to basic algebraic principles. The text, Prentice Hall Mathematics: Pre-Algebra, provides the basis for the course content. The student will solve equations and inequalities with positive and negative integers, decimals, and fractions. The student will then use these algebra skills to work with ratios, proportions, and percents. In the second course, the student will explore basic algebraic principles. The student will also examine and evaluate two-step and multi-step equations and inequalities and then explore and use graphs to solve linear relations and functions. Next, the student will be introduced to basic concepts of geometry including angle relationships, parallel lines, polygons, circles, and transformations. The student will continue to apply his knowledge of geometry and algebra to solve area and volume problems. Then the student will explore nonlinear functions and polynomials. Finally, the student will examine properties of right triangles, data analysis, and probability.

◊ Course requires a free third-party download
Math (continued)

Math 6 A&B
Students connect ratio and rate to whole number multiplication and division and also use the concepts of ratio and rate to solve problems. In addition, they extend their understanding of dividing fractions and of writing, interpreting, and applying expressions and equations as well as develop an understanding of statistical thinking.

Math 7 A&B
Students build on their knowledge of proportional relationships and operations with rational numbers. They solve real-world problems involving scale drawings, geometric constructions, area, surface area, and volume. Students also draw inferences about populations based on samples.

Science

Science 6, 7, and 8 A&B
In the spirit of the Next Generation Science Standards (NGSS) and in accordance with 21st century skills, the new media-rich science courses enable students to engage actively in inquiry-based investigations, STEM (science, technology, engineering, and mathematics) projects, as well as cross-disciplinary and cross-curricular activities. Students make connections, collaborate, and reflect on their learning as they work through the content. The science program consists of life science, Earth science, and physical science units that cover topics listed below. Because each course is designed to meet both national and state-based standards, the sequence of content will vary by state and may include:

- Structure of the cell
- Organism systems and information processing in the body
- Transfer of matter and energy in organisms and ecosystems
- Interdependent relationships in ecosystems
- Natural selection and adaptations
- Growth, development, and reproduction of organisms
- Earth and space systems
- Earth's surface and interior processes
- Weather and climate
- Human impacts on Earth
- Structure and properties of matter
- Chemical reactions
- Forces, energy, and motion
- Waves and electromagnetic radiation

Image by Louis Hamel
Electives

Art 6, 7 & 8 A&B ◊
In middle school, students explore how art can be used for design, functionality, or personal expression. They study how American and international visual art influences ideas, actions, cultures, and environments. Students use various media and techniques to create two- and three-dimensional visual art projects. Through discussions of art history and criticism, students learn methods to analyze, interpret, and judge artworks. Students also make connections between art and artists, from across time and location, and explore how science, math, history, and religion impact art.

Business Keyboarding
Students begin by learning the functions of all the keys and how to find them quickly. They explore the alphabetic and numeric keyboard, study the history of the keyboard (and new technology), and build speed and accuracy. Proper formatting for various academic and business documents, a discussion on business ethics, and the importance of keyboarding in virtually every career are also covered.

Educational Technology and Online Learning 6, 7 & 8 ◊
Students use electronic media and software to apply academic concepts as they create meaningful organizers, projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.

Exploring Music I, II, III
This series of courses is designed to teach students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Through the use of virtual tools and an analysis of classic repertoire, students improve their rhythm, listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 6–8.

◊ Course requires a free third-party download

Social Studies

Social Studies 6 A&B
In sixth grade, students focus on ancient civilizations. They begin by analyzing a historian's role and utilizing the tools and skills he or she would use including building timelines, studying geography, and evaluating multiple sources. Students trace how societies shifted from hunting and gathering to farming. They also trace the development of ancient China, India, Mesopotamia, Egypt, Greece, and Rome. Students enhance their critical thinking by interpreting primary sources and reading eyewitness accounts to draw conclusions.

Social Studies 7 A&B
In seventh grade, students study political, economic, and social changes from the fifth century to modern times. They utilize their critical-thinking skills by making connections between historical events, such as the rise and fall of empires and the rise of democracy, and analyzing long-term changes and recurring patterns in world history. Students complete a comprehensive study of the history, geography, and cultures of nations in North and South America. Thinking as historians, they read primary source documents, form hypotheses, and draw conclusions.

Social Studies 8 A&B
Social Studies 8 examines the American experience from pre-colonial times through Reconstruction following the Civil War. U.S. political, economic, and social history is explored from a chronological point of view with lessons that develop the students' abilities to analyze, interpret, and evaluate different forms of information. Throughout the course, students make connections between historical events and their impact on the American people and landscape.
Health and Physical Education 6, 7 & 8
Students determine current personal fitness levels and learn to improve them. This provides students with the foundation for lifelong health and physical fitness. They learn safety rules for exercise, how different activities target different body parts, how to set and reach a goal, and how to make healthy choices. Activity options are plentiful, leading students to a healthy and physically active lifestyle. Students keep a log of physical fitness activities so they can monitor and reflect on personal progress.

Home Life
In this course, students select from a number of projects that develop skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy. Projects feature photography as well as textiles and clothing.

Middle Chinese I and II **
In Chinese I and II, students have the opportunity to “see it, hear it, say it, and write it” as they interact with content and communicate with native speakers throughout the courses. Familiar characters introduce the students to lesson content and serve as tour guides as students visit the Great Wall, meet pandas in Sichuan, and celebrate the Lantern Festival. This course requires a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided.

Middle Sign Language
This course introduces students to the fundamentals of American Sign Language. They explore vocabulary, grammar, and conversation by using basic signing and fingerspelling techniques. Special activities and exercises also help a student understand the culture of the deaf and hard of hearing community.

Middle Spanish I and II **
Spanish I and II introduce students to Spanish language and culture. Student guides share information on topics such as family and friends, home, food, clothing, and neighborhoods. Culture is presented throughout the course to help students make connections between their culture and the culture of people in the Spanish-speaking world. Opportunities for students to communicate with native speakers throughout the course provide a real world context. This course requires a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided.

Middle School Digital Art and Design †
There are so many different types of art in this world—fine art, classical art, visual art—but the impact of digital art and design is all around us, often in ways that people probably aren’t even aware of! After taking Digital Art and Design, the student will enjoy a deeper understanding and appreciation for all things digital as he explores this special genre of art found in everything from advertising to photography and beyond. In this course, the student will learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, the student will actually create original digital art and make it come alive. The student will give his creative side a boost with this Digital Art and Design course!

WebQuest
This interactive elective provides the student the opportunity to participate in an individualized WebQuest experience that connects to the local community and allows the student to become an active, contributing member of the community. The course is based on the student’s research about and participation in an effort that is focused on maintaining or improving the local community’s environment.

In this course, the student will choose an aspect of the local community’s environment that has special interest to the student and work on a project over the course of 12 visits. During each visit the student will do some research or data collection, take notes to build the portfolio project to be submitted later in the course, and complete activities to support the community effort. The community activity can either be with a group or as an individual.

Ideally, the student will continue to support the community effort even after the course has ended.

† Designates course is new, revised, or expanded
** Please note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Learning.
Gifted and Talented Language Arts 6 A&B †
This course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. This course deepens students’ appreciation of literature through the reading and comprehension of a variety of works from poetry to novels. Grammar, vocabulary, and spelling are incorporated to help students master the mechanics of English. Students create paragraphs and short essays to promote their understanding of the writing process and respond to literature.

Gifted and Talented Language Arts 7 A&B †
This course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. This course uses a variety of texts to guide students into becoming better readers. Students enhance their writing skills through grammar, mechanics, and language development, and they learn useful writing techniques in the context of crafting autobiographical accounts, research papers, poetry, and persuasive essays.

Gifted and Talented Language Arts 8 A&B †
This course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers. Building on the reading comprehension skills learned in Language Arts 7, this course delves more deeply into literature and writing and prepares students for high school coursework. In addition to improving reading comprehension and communication skills, two novels are read and analyzed, enhancing skills such as predicting, clarifying, summarizing, and identifying plot development.

Gifted and Talented Math 6 (Pre-Algebra) A&B
Students are introduced to basic algebraic principles in this course by solving equations and inequalities with positive and negative integers, decimals, and fractions. Students move on to working with ratios, proportions, and percents, and then to solving two-step and multi-step equations and inequalities. A look into relations and functions demonstrate how to find the slope, y-intercept, and solve systems of linear equations. Algebra skills are applied across math disciplines with the study of right triangles, data analysis, and probability.

Gifted and Talented Math 7 (Algebra I) A&B
This course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. This algebra course starts with a review of basic real number operations and properties, then continues on to more complicated concepts such as multi-step equations and inequalities, proportions (in preparation for graphing functions), exponents, and polynomials. Coursework also includes problem-solving and test-taking strategies gearing students for continued study in high school. Students are provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers.

Gifted and Talented Math 8 (Geometry) A&B
This course provides students opportunities to work at an accelerated pace, while engaging in more complex and challenging instructional activities. Using the basic principles of logic, students learn geometry through constructing formal proofs and studying parallel and perpendicular lines, triangles, and equilaterals. Students learn to find area and volume, and study the concept of similarity as it relates to various figures, including circles and their unique properties. Students are also provided opportunities for increased student-teacher interaction and discussion, as well as increased interaction with their peers.

† Must accompany G&T Literature Study
Gifted and Talented Science 6 A&B
Students learn how science is around them every day. Through interactive labs and engaging assignments, students discover the key elements of Earth, life, and physical sciences. The nature of matter is explored, covering the properties of a simple atom to those of more complex molecules. Energy and motion are also introduced, and a biology unit examines organisms and the principles of heredity. Units on Earth and space science provide detailed information about the planet, the universe, and the relationships between them.

Gifted and Talented Science 7 A&B
Science for seventh graders is an integrated approach with opportunities for students to explore concepts in earth science, life science, and physical science. Students learn lab report processes and protocols, and these skills are utilized throughout the course. Earth science investigates the properties of rocks and minerals, patterns in the atmosphere, and the solar system. Students describe the structures of living things, explore how living things interact, and learn about various human body systems in the life science unit. Physical science covers physical and chemical properties of matter, different types of forces and motion, and various forms of energy.

Gifted and Talented Science 8 A&B
Focusing on the fundamentals of Earth, life, and physical sciences, Science 8 lessons are designed to engage students through exploration and discovery. Life science units expose students to traits and how they change, relationships between organisms and their environments, and cycles in nature. Earth’s changing geology is studied in the Earth science unit, in which students learn the causes and effects of earthquakes and volcanoes and the bodies that comprise the solar system. In the physical science unit, students learn about atoms and elements and how to calculate different forms of motion and force.

^ G&T Science courses include the core grade level science course and a G&T accompanying course combined
Grades 9–12
Course Descriptions
English

English 9 A&B *
Classic and contemporary works of American, British, and world literature in a variety of genres are introduced in English 9. Students analyze short fiction, nonfiction, and poetry selections. Students also read and analyze novels and other major literary works. Reading and writing assignments strengthen students’ understanding of literary elements in poetry, fiction, and drama; the characteristics of narrative, expository, and persuasive writing; correct grammar and usage; and research skills. The thematic units include works by Homer, Gabriel García Márquez, and Leslie Marmon Silko.

English 10 A&B *
The timeless themes in world literature are emphasized in English 10, which includes literature of the Americas, Europe, the Middle East, Asia, the Pacific Rim, and Africa. A classic world literature selection introduces each region, followed by contemporary short fiction, poetry, and drama. Students explore the cultures from which each piece of literature derives and consider the similarities that unite the human family. The survey of world literature includes works by Margaret Atwood, Pablo Neruda, and Eugene Ionesco. Students continue to strengthen their mastery of the writing process and compose for various purposes. Skills are further developed, including the research process and oral communication.

English 11 A&B *
Students focus on the literary movements that comprise American literature and trace the chronology of national literature from the early American and colonial period through the contemporary period. Students read selections from the Native American oral tradition, seminal historical documents and essays, in addition to fiction, nonfiction, poetry, and drama. The survey of American authors includes Mark Twain, Ralph Ellison, and Julia Alvarez. Students continue to strengthen and apply higher-level critical reading, literary analysis, and research skills through the use of visual organizers and notetaking strategies.

English 12 A&B *
Students study classical and contemporary British literature from the Anglo-Saxon period to the modern era. They examine how the historical, social, and cultural contexts of each period influenced writers. Particular attention is given to the form and function of different types of literature including epic poetry, allegory, poetry, fiction, nonfiction, and drama. The survey of British literature includes excerpts from Geoffrey Chaucer, William Shakespeare, and Virginia Woolf. Students write creative and analytical compositions and participate in collaborative discussions to refine their writing products.

Journalism A&B
Students gain firsthand experience writing news, sports, and feature articles and following proper journalism guidelines. The activities and assignments simulate an actual newsroom.

Speech and Debate
Using video tutorials, students study verbal and nonverbal techniques—including those of famous orators—to use when presenting simple and complex ideas and when speaking to a group. Using an audiovisual tool to record their speeches, students learn how to speak persuasively, develop position statements, support their arguments, and think analytically. Brainstorming techniques, media analysis, research skills, and presentation strategies are also discussed.

* Also offered as an Honors course
• Course also offers a Foundations level
**Advanced Algebra with Financial Applications A&B**
Students explore topics such as saving money, spending money, and dealing with debt. Formulas to determine account balances, monthly payments, and total costs are evaluated and applied. Incorporating real-world scenarios, students learn about mortgages, investments, and retirement, which serves as a foundation for making future financial decisions.

**Algebra 1 A&B ***
Students learn about the properties of real numbers and apply their knowledge to equations, inequalities, and multi-step equations. They move on to identify, write, and graph functions and equations; simplify radical expressions; solve quadratic equations; and factor and perform operations with binomials and polynomials. Students calculate slope and use the slope-intercept form to graph linear equations. They also learn to solve systems of equations and inequalities both graphically and algebraically.

**Algebra 2 A&B ***
Students engage in high-level mathematical discussions and apply algebraic concepts to real world scenarios as they build on prior knowledge of functions, systems of equations, the quadratic formula, and factoring. Students also continue to study arithmetic and geometric sequences and series, probability and statistics, and trigonometric identities and equations.

**Calculus A&B**
Students are introduced to advanced concepts relating to limits, differentiation, and integration. Using graphs and equations, they investigate finite and infinite limits, apply various methods such as the chain rule to solve derivatives, and use both area calculations and the substitution method to evaluate integrals. A TI-83+ or TI-84+ graphing calculator is strongly recommended.

**Consumer Math A&B**
Students focus on math skills and problem-solving strategies that are relevant to practical financial applications. Topics include planning and managing a budget, avoiding common financial pitfalls, and posing questions to businesses and companies. Students also learn to examine their own spending behavior and evaluate purchasing decisions.

**Explorations in Mathematics A&B**
Students delve into fundamental math concepts and apply those concepts to real-life situations. Topics covered include prime factorization, operations with rational numbers and integers, solving equations, properties of real numbers, and basic statistics. The goal is to establish a solid base for studies of more advanced math.

**Geometry A&B ***
This course guides students through the exploration of geometric figures. They analyze plane figures and three-dimensional figures and apply formulas to calculate area, surface area, and volume. They learn how to use inductive and deductive logic to conduct formal proofs through predictions, counterexamples, and drawing conclusions. Students also conduct detailed analyses of the properties of parallel and perpendicular lines, triangles, polygons, quadrilaterals, and circles, including similarity and transformations.

**Pre-Algebra A&B**
In this course, students are provided with a solid foundation for success in future high school mathematics. They refine their operational skills as they work with exponents, fractions, decimals, and integers, and they learn to use variables and expressions to write and solve equations and inequalities. Students are introduced to relations and functions, as well as multi-step equations, which they learn to solve and graph. Units on geometric skills focus on development of spatial thinking and an understanding of basic geometric terms and formulas. (This course is not offered at all schools.)

**Precalculus A&B ***
In this course, students analyze various functions. They study quadratics, sequences, and series. Students expand their knowledge of trigonometric concepts and explore vectors and parametric equations. Finally, students examine concepts, including limits and derivatives, in preparation for their study of calculus. Throughout the course, lessons focus on ways in which mathematics is applied in the real world and is essential to everyday life. This, combined with an emphasis on critical-thinking skills, prepares students for future college and career opportunities.

**Statistics A&B**
In this course, students are introduced to the major concepts of collecting, organizing, and drawing conclusions from data. Students have the opportunity to observe patterns and departures from patterns, plan a study, produce models using probability and simulation, and use statistical inference to confirm models.

* Also offered as an Honors course
• Course also offers a Foundations level
Science

Biology A&B *
Students have frequent opportunities to debate scientific findings and analyze how biology impacts society as they study topics such as ecology, genetics, and anatomy. Using both hands-on experiments and interactive tools, they also study cells, compare microorganisms, investigate plant and animal structure and function, and explore the history of life on Earth.

Chemistry A&B *
Students are given the opportunity to model atomic structure and to observe, represent, and interpret reactions between atoms and molecules. Students investigate the properties of solutions and analyze the nature of solids, liquids, and gases using interactive tools. They describe and calculate the energies of different types of reactions and explore electrochemistry.

Earth Science A&B *
Students look at our planet's place in the universe, at its composition, and at the many changes it may undergo. In addition, they study Earth's history by comparing landforms, investigating the properties of rocks and minerals, analyzing weather patterns, and examining the relationships between the Earth, moon, and sun.

Earth Space Science A&B *
Students focus on the study of space and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students explore Earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle. They learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. Students use Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, and real-world application through labs and a variety of assessments.

Environmental Science A&B
Students have an opportunity to study the fundamentals of ecology and investigate ways to protect the environment. They review the scientific method and the water and carbon cycles. Students also take a look at various kinds of pollution and ways to safeguard our natural resources.

Marine Science A&B *
Students delve deep into Earth's bodies of water and study geologic structures and how they impact oceans. They investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in the ecosystems. Students have the opportunity to explore the relationships among living organisms and see how they are affected by the oceans' currents, tides, and waves.

Physical Science A&B *
Students explore and learn the basic concepts of chemistry and physics. The chemistry-focused lessons extend prior knowledge of the properties, states, and structure of matter; explore the dynamics of chemical bonding and reactions; and introduce students to nuclear chemistry. The physics-focused lessons enable students to explore motion, force, work, power, energy, wave mechanics, electricity, magnetism, optics, and the electromagnetic spectrum. Additional content includes Earth science. Hands-on explorations and virtual simulations enhance students' comprehension of key science concepts.

Physics A&B *
Students apply the math and science skills they already learned to explain the laws of motion, analyze the laws of thermodynamics, describe the behavior of waves, and investigate the relationship between electricity and magnetism. They are introduced to quantum physics and are asked to apply physics concepts to real-life situations.

* Also offered as an Honors course
• Course also offers a Foundations level
◊ Course requires a free third-party download
American Government A&B *
Magruder’s American Government provides the basis for instruction. In this course, the student will explore the foundations of American government and its fundamental principles and organization. The student will examine government concepts such as the growth of democracy, federalism, separation of powers, and checks and balances. The branches of government—legislative, executive, and judicial—are studied in depth. This course promotes understanding and participation in government by presenting information in a context that is relevant to the student. Activities in this course are designed to develop the student’s abilities to question, read, analyze, interpret, and evaluate different forms of information, as well as to communicate ideas to others. In the second semester course, the student will examine the basic rights and responsibilities of U.S. citizens and the foundations of American government. In addition, the student will explore constitutional freedoms, citizen requirements, and aspects of American law. Other topics covered include political parties, interest groups, ways to affect the government, and the influence of the media. Finally, the student will learn about local and state government structures, and compare political systems and economies from around the world. Course offered as a semester course in some states.

Psychology A&B
The course begins with a review of the ways people have sought to explain human behavior from ancient times through today. Students explore research methods and discover how the scientific method has moved psychology from hypnosis and mesmerism to using serious inquiries to prove theories. They also investigate brain personality theories to help understand such complex mental processes as learning, memory, thought, and language.

United States History A&B *
Students follow the significant developments in America’s history. They explore the growth of American society from early settlement and colonization to the emergence of America as an independent nation. The causes and aftermath of the Civil War are discussed, as is America’s involvement in World War I. Students explore social and economic whirlwinds of the Roaring Twenties and the subsequent Great Depression, World War II, the Cold War, and the turmoil and societal changes of the 1960s and 1970s. The final part of the course explores America’s history from Watergate to the early 21st century. Throughout this course, geography and government concepts are introduced and discussed.

World Geography
Students explore the world’s cultural regions by focusing on location, physical characteristics, demographics, historical changes, economic activity, and land use. They are encouraged to examine real-life situations, develop an understanding of multiculturalism, and compare relationships between people and their environment.

World History A&B *
Pearson’s World History provides the basis for instruction. This course provides the student with a comprehensive examination of world history from ancient times through the Global Age. The student will begin by exploring prehistory and early civilizations, focusing on the ancient civilizations of the Americas, Egypt, India, China, Greece, and Rome. The student will then study Medieval Christian Europe from the early to the late Middle Ages, followed by regional civilizations with a focus on the Muslim world, Africa, and Asia. Finally, the student will explore early modern times with a focus on the Renaissance, Reformation, and the Global Age. The second semester course provides the student with a comprehensive examination of world history from the Age of Absolutism through the present day. The student will explore social, political, and economic changes of the nineteenth and twentieth centuries, focusing on the Industrial Age and independence movements around the globe, including the impact of nationalism, imperialism, and the world wars. The later part of the course covers such topics as the Cold War, new nations, and the effects of globalization.

Economics *
This course provides an introduction to macroeconomics and microeconomics and covers such basics as supply and demand, labor issues, financial markets, taxes, and international trade. Students also examine how capitalism and the global economy work.

Geography and Society
Students explore geography skills and principles as they examine several case studies with geographic implications. They gain an understanding of the ways that geography influences the daily lives of people around the world. This course covers the concepts of physical geography, human and environmental interaction, human systems, and the movement of peoples and their culture.

Personal Finance
Through real-world applications and clear, engaging lessons, Personal Finance prepares students for making sound financial decisions. Exercises illustrate the influence of economics in daily life and how financial decisions made today affect the future. The course covers topics such as financial and career planning; banking, savings, and investments programs; and stocks, bonds, and mutual funds.

* Also offered as an Honors course
• Course also offers a Foundations level
Entrepreneurship: Starting Your Own Business A&B
Do you dream of owning your own business? This course can give the student a head start in learning about what he will need to own and operate a successful business. The student will explore creating a business plan, financing a business, and pricing products and services.

Administrative Duties and Office Management
Students learn the skills and knowledge required to perform tasks in the administrative department of a medical office. Topics include, but are not limited to, receiving patients, scheduling appointments, handling medical records, and processing insurance claims.

Advertising and Sales Promotion
Do you have a business idea but are unsure about how to market your ideas to customers? Do careers in business appeal to you? In this Introduction to Marketing class, the student will master the basics of marketing, including core concepts such as financing, pricing, distribution, product management, and more. Throughout the course, the student will learn about the basics of economics and economic systems, managing business finances accounting practices, operating a business in the global marketplace, generating business ideas and seeking out business opportunities, creating a business plan, and promoting and advertising a business.

Sports Management
In this introduction to the fast-growing field, students explore topics such as sports marketing, branding, ticket sales, media relations, and ethics. They also learn tips for breaking into the industry. The activities and assignments require students to respond to real-world sports management scenarios.

2-D Animation
Do you wonder what it would be like to create the next blockbuster animated movie or do you want to make the next big video game? Do you have an eye for drawing, technology, and timing? If so, Animation is the course for you! You will learn how to use animation tools to conceptualize and bring your creations to life. You'll learn the ins and outs of creating 2D and 3D animation, from start to finish. You'll even begin working on our own design portfolio and get hands on experience with creating your own animation projects. Learning about Animation could lead to a thriving career in the growing world of technology and animation.

Accounting I
This course provides students with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships.

Accounting II
The student will build upon knowledge gained in Accounting I and continue to explore topics such as corporate accounting and financial statements, long-term liabilities, cash flow, financial statement analysis, managerial accounting, budgeting, and using financial data to make business decisions.

Anatomy and Physiology
Students learn about anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur through the life span.

Astronomy: Exploring the Universe
In this course the student will explore a broad range of astronomy topics, including the planetary system, stars, galaxies, and the universe. The student will also apply the scientific method and examine the evolution of scientific ideas. By the end of the course, the student will be able to:
- Assess the nature, scope, and evolution of the Universe
- Apply fundamental concepts underlying astronomy
- Evaluate the evolution of scientific ideas in astronomy
- Analyze data to determine patterns, relationships, perspectives, and credibility
Business Communication
Students explore business communication, including letters, memos, electronic communication, written reports, oral presentations, and interpersonal communication. Resumes, application letters, interviewing tips, and employment follow-up are also covered.

Business Information Systems
This course introduces students to various information and communications technologies and explains how information systems are used to solve problems and make better business decisions.

Business Law
Students explore principle areas of business law and topics such as torts, crimes, intellectual property, contracts, negotiable instruments, agency, employment, and forms of business organization. They learn rules of law and legal terminology, as well as legal solutions for business-related issues.

Business Math
The student will explore topics such as business statistics, profit calculations, payroll, banking, interest calculations, insurance, taxes, and other business topics.

Criminal Investigation
Students examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies.

Developmental Writing
The student will explore the fundamental tools and techniques needed to write clear sentences, effective paragraphs, and well-organized essays for general education courses and employment settings. Using standard American English, the student will learn to organize, clarify, and communicate written ideas, as well as how to use correct sentence structure, grammar, and parts of speech in written communication. The student will also develop skills in revising and editing to clarify voice, tone, style, and mode.

Fashion and Interior Design
If you have always had a flare for fashion or decorating, there are several ways for you to turn this into a career. While staying on top of trends and having a knack for putting together that killer outfit are definitely part of a career in fashion design, there is a lot more to it than that. Similarly, interior design is a lot more than selecting the couch cushion that pulls together a room. While these talents help, most careers in fashion and interior design require great communication skills as well as a strong sense of style because helping people express themselves through design and color requires a lot of listening. In this unit, you will learn about some of the careers in fashion and interior design and what it takes to prepare for them.

Forensic Science
Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial and examine how various elements of the crime scene are analyzed and processed.

Health, Safety, and Nutrition
Students learn about the physical and psychological needs of children, from birth to age eight, and how to meet these needs in group settings. Topics include wellness of young children, standards, guidelines and national initiatives, children's nutritional needs, safe and healthy environments, emergency response, child abuse and neglect, educational experiences, and partnering with families.

Human Resources Management
The student will learn important human resource management skills used by business managers in day-to-day operations. While focusing on various aspects of human resource management and practices, problem-solving and critical-thinking skills are applied.

Introduction to Business
Students explore business in global society, learning terminology, concepts, systems, strategies, and current issues. Topics include the business environment, ethics, entrepreneurship and global business, management, marketing, production, information systems, and financial elements.

Introduction to Communication
The student will examine the communication process, including elements of listening and verbal and nonverbal communication. The course also explores how these communication elements operate between self, individuals, and groups. Communication concepts and skills are explored through a variety of methods and activities.
Introduction to Criminal Justice
Students explore law enforcement, the courts, and the correctional system. They study what crime is, how crime is measured, and theories of crime causation. They also examine issues and challenges within the criminal justice system and its future directions.

Introduction to Early Childhood Education
This course provides the historical, theoretical, and developmental foundations for educating young children, with emphasis on creating inclusive environments and curricula for diverse children and their families. Topics include historical influences, program types, guidance strategies, professionalism, current trends and issues, and advocacy.

Introduction to Finance
Students gain understanding of financial management, including key language and terminology, time-value of money, financial markets and securities, financial statements, financial analysis, risk and return, valuation of stocks and bonds, capital budgeting and valuation, cost of capital and capital structure, working capital management, dividend policy, and international finance. Students apply financial tools and understand how they impact financial decision making.

Introduction to Homeland Security
This course provides an overview of the elements involved in the homeland security function, as well as the challenges managers in government and industry can face while maintaining mission operations and staff accountability in the midst of multiple overlapping roles and responsibilities. The key functions of threat prevention, asset protection, crisis response, and operations recovery are addressed from a variety of perspectives.

Introduction to Law
Students receive an overview of substantive and procedural areas of law and legal practice. They explore the legal profession, courts, ethics, sources of law, and alternative dispute resolution systems, and they analyze an application of law to factual circumstances.

Introduction to Medical Assisting
Students explore the role of the medical assistant, including professionalism, duties and responsibilities, and medical specialties. Also included is information on medical law and ethics, office management, and compliance and regulatory issues affecting the role of the medical assistant.

Introduction to Paralegal Profession
The student will explore the role of paralegals in the legal system, paralegal skills, legal working environments, ethical considerations, and career opportunities. The student is introduced to the sources of law, an overview of courts, and alternative dispute resolution systems.

Introduction to Psychology
Students gain an understanding of human behavior, including biological foundations and the brain, sensation, motivation, and perception. Students explore the relationship between learning and memory; various personality theories; emotions; states of consciousness; cognition; life-span development; and applied psychology.

Introduction to Sociology
Students examine the sociological processes that underlie everyday life, focusing on globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media.

Introductory Astronomy
Students explore a broad range of astronomy topics, including the planetary system, stars, galaxies, and the universe. Students also learn about the scientific method and the evolution of scientific ideas.

Java Programming I◊
The student will explore programming fundamentals, basic problem solving, variables and assignments, math, conditionals, control flow, methods and functional abstraction, objects and data abstraction, inheritance and polymorphism, exception handling, graphical user interfaces, and external libraries. The student will use Sun’s Java® programming language throughout this course.

Java Programming II◊
The student will explore programming fundamentals, linked lists, stacks, queues, binary trees, generics and interfaces, an introduction to Big O notation, Java® collections framework, analyzing complexity and implementing various sorting algorithms, graph applications, and advanced GUIs and graphics.

Leadership and Supervision in Business
This course examines the roles and responsibilities of supervisors in private, service, and public organizations. The student will gain an understanding of the expanded scope of supervisory responsibilities for business personnel ranging from first-time, first-line supervisors to top-level executives.

◊ Course requires a free third-party download
Java is a registered trademark of Oracle America, Inc. and/or its affiliates
Medical Law and Ethics
The student will gain an understanding of the legal and ethical issues that can impact professional roles in health care settings. Laws that regulate the health care industry, such as HIPAA, the Patient's Bill of Rights, and standard of care, are introduced. The student is encouraged to consider the impact of personal ethics and morals on decision making.

Medical Terminology
Students explore medical terminology and its symbols and abbreviations, as well as the application of this new language in health care. They learn medical terms relating to body structure and function, and how to construct terms using word parts such as roots, suffixes, and prefixes.

Principles of Management
The student is introduced to common management philosophies and issues in today's changing world. The student will study globalization, ethics, diversity, customer service, and innovation from a managerial perspective.

Principles of Marketing
Students explore factors influencing how marketing decisions are made, including the impact of marketing decisions on an organization and its customers. They gain a working knowledge of practical marketing and business vocabulary. They also evaluate how the actions of competitors influence marketing decisions in the global marketplace.

Public Speaking
The student will gain a basic understanding of public speaking and the basic elements of a speech. The student will learn strategies to effectively communicate, to adapt to different audiences, and to practice organizational methods to create engaging speech content. Throughout the course, the student will develop and present original speeches to classmates.

Research Methods
Students practice the fundamentals of scientific research methodology by examining a social issue. They develop a research question, find and evaluate existing research, and design and implement an objective research method.

Health, Fitness, and Nutrition A&B
This course covers first aid, the benefits of good nutrition, and the dangers of alcohol and drug use. Students learn how to evaluate their own fitness and nutritional needs and how to make changes that lead to a healthier lifestyle over the long run. Also discussed are strategies for resisting peer pressure and ways fitness can influence self-image and overall well-being.

Personal Fitness
Students learn the proper ways to exercise and eat healthy, how to assess their fitness level, and strategies for reaching their highest possible fitness level. They have the option of learning yoga in this course.

Personal Fitness II
Personal Fitness II is a one-semester course that looks at the aspects of living a healthy and balanced life. In the first unit, students will learn the relationship between physical, mental, and social health as they explore topics including: effective communication, building healthy relationships, the effects of violence, coping mechanisms, and how to set goals. Additionally, students will learn basic first aid procedures, what to do in medical emergencies, and how to keep their homes safe. In the second unit, students will learn about infectious and noninfectious diseases, how they affect the body, and how they can be prevented. The third unit covers tobacco use, drug and alcohol abuse, and options for resisting the pressure to participate in these destructive behaviors. Throughout the course, students will be required to participate in regular physical activity and keep records of their activity. The student will be given a choice of three paths that place emphasis on lifelong activities as well as current fitness trends.

Physical Education
This course emphasizes self-directed activities that a student can participate in for a lifetime. This includes the option of learning and practicing yoga. Students' skill levels are measured with written assignments, class evaluations, and demonstrations of a particular skill.
**Humanities**

**Art and World Cultures A&B**
Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? The student will learn about some of the greatest artists while also creating art, including digital art. The student will explore the basic principles and elements of art, learn how to critique art, and examine some of the traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

**Art History A&B**
Students begin exploring the basic elements of art and its role in history through their examination of works from Paleolithic times to the Roman Empire. The goal is to enhance students’ understanding of ancient history and show how art reflects historical events.

**Chinese I A&B **
Spoken by one-fifth of the world’s population, Mandarin is the dialect of Beijing and the basis for modern standard Chinese. This course emphasizes listening skills, including the mastery of Chinese tones and tonal changes, as well as vocabulary and grammar skills. Students also begin to identify and write Chinese characters.

**Chinese II A&B **
This course enables students to further develop the skills of listening to, speaking, reading, and writing Mandarin Chinese at a more advanced level. As they are immersed in Chinese culture, students expand their vocabulary, practice interacting with others, and learn the use of appropriate terms to communicate in various everyday situations.

**Chinese III A&B **
Students continue to expand their knowledge of Mandarin Chinese in this course. They build their knowledge of vocabulary, sentence patterns, and grammar points through communicative texts; enhance their listening and speaking skills through pronunciation and intonation; and work to improve their reading ability. Students advance their skills by learning to write in various formats such as journals, essays, and letters, and by composing simplified Chinese characters. By studying Chinese culture, including origins, histories, anecdotes, and more, students learn to compare and contrast various aspects of this other culture with their own.

**Digital Photography I A&B**
Have you ever wondered how professional photographers manage to take such sensational pictures? How are they able to find just the right way to capture an image or moment in time? Perhaps you've even wondered why your own pictures don't meet that standard. Digital Photography I will answer these questions and help the student understand more about the basics of photography. Learning about aperture, shutter speed, lighting, and composition is key for any serious photographer and will help the student gain the confidence and knowledge he needs to become one. The student will not only follow photography through its history but also gain a basic understanding of camera functions, techniques, and what it takes to shoot quality portraits, close-ups, action shots, and landscapes.

**Digital Photography II A&B**
In today’s world, photographs are all around us, including in advertisements, on websites, and hung on our walls as art. Many of the images that we see have been created by professional photographers. In this course, the student will examine various aspects of professional photography including the ethics of the profession. The student will also learn more about some of the most respected professional photographers in history and will learn how to critique photographs in order to better understand what creates an eye catching photograph.

**French I A&B **
This course introduces students to basic vocabulary and grammar. Lessons and assignments focus on simple speaking and reading, comprehension, and composition. Students also study the history and culture of French-speaking peoples around the world.

**French II A&B **
Students are exposed to more complex reading, writing, and listening coursework. They explore advanced grammatical structure and apply vocabulary and word usage to various situations.

**French III A&B **
This course is designed for students with strong listening and speaking skills plus a solid vocabulary base. The focus is on verb conjugation, direct and indirect object pronouns, and tenses. Students also improve their writing and speaking skills as they study the culture, art, and governments of French-speaking countries.

**Please note:** The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Learning.
French IV A&B **
Students cover present, past, future, and conditional tense verbs, subjunctive mood, articles, and adjectives while delving more deeply into French culture. This course, rich in authentic reading material, uses native-speaker recordings to enrich the student's culture, grammar, and vocabulary lessons.

German I A&B **
Students use discussions and other activities to learn how to speak, read, write, and understand basic German. Simple grammar, punctuation, and spelling are reinforced with interactive lessons, games, and activities. Students also study German culture and history, as well as the influence of the German language.

German II A&B **
In this course, students are introduced to increasingly complex vocabulary and grammar. There is more emphasis on improving spoken communication and listening comprehension.

German III A&B **
Students learn to express themselves using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind, including listening, speaking, reading, and writing. Culture is sprinkled throughout the course in order to help the learner focus on the German-speaking world and its culture, people, geographical locations, and histories.

Japanese I A&B **
In today's business world, learning Japanese can be extremely valuable. This course focuses on spoken and written Japanese with a thorough grounding in Japanese culture. Using warm-up activities, reading, vocabulary studies, games, and multimedia presentations, students gain the foundation to communicate successfully in Japanese.

Japanese II A&B **
Students practice listening, speaking, reading, and writing skills as they express themselves using new vocabulary, present-tense verbs, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Students learn about the culture through a focus on the people, lifestyle, geography, and history of Japan.

Latin I A&B **
Students gain a foundation in Latin grammar and vocabulary as well as an appreciation and understanding of the Roman culture as the foundation for much of Western culture. Through the study of Latin, students will gain an appreciation for and understanding of the grammatical constructs of the English language as they increase their vocabulary and understanding of word origins.

Latin II A&B **
Students build on their knowledge of Latin grammar and vocabulary and gain a solid foundation in the structure of the language as well as an understanding of the life and times of ancient Romans. They learn to appreciate how Roman engineering, art, commerce, and law systems were all supported by a clear, expressive, and flexible language.

Latin III A&B **
Students expand their knowledge of Latin by exploring prose written and spoken by Roman figures such as Caesar, Cicero, and Catullus. Through exposure to authentic texts, students strengthen their vocabulary as well as their understanding and appreciation of well-crafted writing.

Living Music I and II
This series of courses teaches students fundamental musicianship from a Western Classical approach while aligning to national music education standards. Students use classic repertoire to analyze compositional style and are challenged to improve their rhythm, listening, notation, analysis, performance, and improvisation skills using virtual tools. With audio, visual, and interactive technologies, the course sequence provides a unique and progressively more advanced learning experience for students in grades 9–12.

Sign Language I A&B ∆
This course introduces students to the fundamentals of American Sign Language. They explore vocabulary, grammar, and conversation using basic signing and fingerspelling techniques. Special activities and exercises also help students understand the culture of the deaf and hard of hearing community.

Sign Language II A&B ∆
In this course, students continue their study of American Sign Language (ASL). Students expand their ASL vocabulary, grammar, and conversational skills. In addition, students complete activities and exercises that help them understand the culture of the deaf and hard of hearing community.

** Please note: The World Languages courses require a headset and microphone which is compatible with the computer being used for the course. This equipment is not provided by Connections Learning.

∆ Webcam required for this course
Career Planning and Skill Development
This course introduces students to the world of work by having them explore their own interests, values, and skills. As a part of this planning process, students learn about a variety of career fields, from business to education to public service. The course teaches students the important task of finding a job, including how to write a cover letter and resume, how to fill out a job application, and how to act in an interview. Students learn about qualities that make them a successful employee as well as additional career-related skills, such as problem-solving and communication.

HS Critical Thinking and Study Skills
In this course, the student will implement thinking strategies, learn test-taking strategies, time management and organization skills, build verbal competence, and sharpen his mathematics reasoning. Specifically, the student will learn strategies for acquiring, storing, and retrieving knowledge, and strategies for linking new information with prior knowledge.

College Prep with ACT®
Students learn test-taking strategies and complete practice tests. Students also develop college resumes, write effective personal essays, and request letters of recommendation as part of the college admissions process.

College Prep with SAT®
Students complete several practice quizzes and tests and develop test-taking strategies as they prepare for the SAT. Also, students develop college resumes, write effective personal essays, and request letters of recommendation as part of the college admissions process.

Life Management Skills
This course provides an opportunity for the student to explore important decisions he may have to make as a teenager. The course provides important information pertaining to issues such as nutrition, substance abuse, coping with stress, and sexual abstinence. In this course, the student will also learn how to be a savvy consumer in a world of advertising and credit cards as well as review Earth-friendly practices.

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3-D Computer Modeling
3-D Modeling is the foundation for career paths in virtual reality, video game design, digital imaging, and more. Students gain a deeper understanding of graphic design and illustration as they use 3-D animation software to create virtual three-dimensional design projects. This course will help develop the skills needed to navigate within a 3-D digital modeling workspace, while introducing students to careers in the fast-growing field of technology and design.

Business Keyboarding
Students begin by learning the functions of all the keys, how to find them quickly, and the importance of keyboarding in virtually every career. They explore the alphabetic and numeric keyboard, study the history of the keyboard and new technology, and build their speed and accuracy. Students learn proper formatting for various academic and business documents and participate in discussions of business ethics.

Introduction to Graphic Design A&B
Students learn basic concepts essential to visual and digital art such as line, shape, form, color, value, space, and texture. They use Inkscape, a vector drawing application, to create original digital art and also complete a still life scene for a course-long art project. (May be considered an arts course at some schools.)

Emergent Computer Technology
In this course, students learn the basics of building safe websites including the use of hypertext markup language (HTML). They then plan their own sites and learn how to link and navigate pages. As they progress to more complex design techniques, students also learn how graphics can make a site more attractive.
Concepts of Engineering and Technology
Students apply computer-aided design skills to draw plans and diagrams by creating points, lines, three-dimensional models, and more. They also learn how to translate abstract concepts into functional designs and create a diverse portfolio of projects.

Game Design I A&B
This course is for anyone who loves gaming and wants to design games. The student will learn how to use popular game design software to create engaging, interactive games in a variety of genres. In addition, the student will get a solid foundation in the basic concepts of game development. By the end of this course, the student will have a variety of polished games for their game development portfolio.

Game Design II
This course is for anyone who loves gaming and wants to design games. You’ll learn how to use popular game design software to create engaging, interactive games in a variety of genres. In addition, you’ll get a solid foundation in the basic concepts of game development. By the end of this course, you will have a variety of polished games for your game development portfolio.

Web Design A&B ◊
This course provides a comprehensive introduction to the essentials of website design. From designing page layouts to coding with CSS and JavaScript®, students learn how to create a complete website. Through study of real-world design scenarios and hands-on projects, students create compelling, usable websites using KompoZer, one of the Internet’s easiest to-use open-source editing applications.

◊ Course requires a free third-party download
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AP Art History A&B
This course is designed to provide college-level instruction in art history and prepare students for the AP Art History exam. Students examine major forms of artistic expression from the past to the present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience.

AP Biology A&B
This challenging course is designed to provide a college-level experience and prepare students for the AP Biology exam. Students are engaged in a wide variety of activities with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering biology concepts and connections. The key themes in the course include the scientific processes; the effects of science on technology and society; the chemistry and makeup of living organisms; and genetics, diversity, and evolution.

AP Calculus AB A&B
This college-level course covers such concepts as derivatives, integrals, limits, approximation, applications, and modeling. In the first semester, students begin by reviewing function notation, then exploring absolute value, piecewise, exponential, logarithmic, trigonometric, polynomial, and rational functions. After studying limits and continuity, students move on to concepts of derivatives, including the chain rule, differentiation, implicit differentiation, and logarithmic differentiation. Toward the end of the course, students apply what they have learned to solve integration problems. This course effectively prepares students for the AP Calculus AB exam.

AP Calculus BC A&B
This course, an extension of AP Calculus AB, emphasizes broad concepts and applicable methods. Students describe and analyze functions, limits, and graphs; calculate and apply derivatives; interpret and apply integrals; and study polynomial approximations and series. The course provides opportunities for students to apply concepts to real-world situations. This course effectively prepares students for the AP Calculus BC exam.

AP Computer Science A&B
Students develop the skills to write programs or parts of programs in order to correctly solve specific problems. There is an emphasis on the design issues that make programs understandable, adaptable, and, when appropriate, reusable. The development of useful computer programs and classes is used as a context for introducing other important concepts of computer science including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications.

AP English Language and Composition A&B
This course provides high school students with college-level instruction in language, rhetoric, and exposition. Students study and write various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both reading and writing are designed to make students aware of the interactions among a writer's purposes, the audience's expectations, and subjects, as well as the way writing conventions and language contribute to effectiveness in writing. This course effectively prepares students for the AP English Language and Composition exam by enabling them to read, comprehend, and write about complex texts while developing further communication skills on a college level.

AP English Literature and Composition A&B
This course prepares high school students for the AP English Literature and Composition exam by providing them with college-level instruction in various kinds of analytic and persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Through their integrated reading and writing activities, students analyze and evaluate the interactions among a writer's purposes, audience expectations, and subjects, as well as the way writing conventions and language contribute to effectiveness in writing.

AP Environmental Science A&B
The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems that are natural and human-made, and prepare for the AP Environmental Science exam. Students evaluate the relative risks associated with these problems and examine alternative methods for resolving or preventing problems. Hands-on and virtual lab experiences support student content mastery.

◊ Course requires a free third-party download
AP Human Geography A&B
The course is designed to provide college-level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world, and they are challenged to use maps and geographical data to discern spatial patterns and analyze changing interconnections among people and places.

AP Macroeconomics
Students cover the overall economy and explore the gross domestic product (GDP) and other indicators. Students also examine inflation, unemployment, world trade patterns, and the role of the Federal Reserve. Working with a theoretical economy, they also use fiscal and monetary policy to create high employment and a higher standard of living. This course effectively prepares students for the AP Macroeconomics exam.

AP Microeconomics
This course introduces the ways in which people make use of limited resources. Students examine supply and demand, factors of production, the roles of labor and management, the relationship between the environment and the economy, and the impact of government policies on individuals' economic decisions. Students also study the stock market and trace the progress of various stocks. This course effectively prepares students for the AP Microeconomics exam.

AP Psychology
The equivalent of an introductory college course, this course includes an overview of current research methods and theories. Students explore therapies used by professionals and examine the way people learn and think. Human reactions, instincts, aggression, intimacy, altruism, and information retention are studied. The course prepares students for the AP Psychology exam.

AP Spanish Language A&B
The main objective of this course is to develop students’ interpersonal communication skills and prepare them for the AP Spanish Language exam. Students develop a strong command of the Spanish language and become very proficient in reading, writing, and speaking. Students are exposed to Spanish literature, historical and current events, music, movies, radio, and television.

AP Statistics A&B
Students gain an understanding of the vocabulary, method, and meaning of statistics. They explore data and patterns found in the world around them by analyzing information and noting statistical relationships. They apply their knowledge to relevant, open-ended tasks requiring them to connect multiple statistical topics together. To demonstrate their comprehension, students actively construct experiments to understand, interpret, communicate, and apply statistical methods. General topics of study include planning and designing a study, anticipating patterns, and making statistical inferences. This course effectively prepares students for the AP Statistics exam.

AP United States Government and Politics
Students survey the complex subjects of the U.S. government and politics. They make detailed analyses of the processes and institutions (both formal and informal) by which the political system functions and policy decisions are made. These analyses include the constitutional structure of government, participatory politics, the formal institutions of power (and extra-constitutional influences on them), as well as public policy and individual rights and liberties. This course effectively prepares students for the AP United States Government and Politics exam.

AP United States History A&B
Students are exposed to a broad body of historical knowledge as they prepare for the AP United States History exam. They are required to express their ideas clearly in writing, learn to interpret and apply data from original source documents, and identify less commonly represented points of view. In addition, students cover the exploration and colonization of America, the rise of nationalism and sectionalism, and events through the present day.