

Course Title: Language Arts 6 (Choice)
Course Provider: Florida Virtual
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 6th Grade

Course Description:

It's Time for Exploration. That's what you'll do as you explore some exciting stories, folktales and heroic adventures from the past and present. Your teacher will act as your guide, while you choose the stories you like best.

There are a lot of good places to find interesting stories and courageous heroes. In this course, you'll read short stories and novels, listen to music, read newspapers, and even interview your parents. Just as important, you'll learn to create some interesting stories of your own. There will be information about vocabulary, grammar and getting the punctuation right. There will also be plenty of opportunities to use your imagination and be creative.

Good stories and interesting characters can be your friends for life. You'll find them in every good book. You might even find you have a few good stories of your own to tell.

Course Syllabus/Outline:

Segment 1

- Reading Process Reading Strategies [predict, question, connect, visualize, evaluate, clarify]
- Writing Process
- Writing Strategies
- Vocabulary
- Elements of Fiction [plot, character, setting, theme, conflict]
- Elements of Non-Fiction
- Friendly letter writing
- Journal writing
- Dialogue writing
- Types of Fiction elements [Science Fiction, Short Story, Folk Story]
- Plot Pattern [Exposition, Rising Action, Climax, Falling Action, Resolution]
- Using Graphic Organizers [KWL chart, Mind map, Venn diagram]
- Interview skills
- Paragraph writing/elements of a paragraph [topic sentence, supporting details, closing sentence, clincher]
- Capitalization
- Punctuation [end marks, comma]
- Stages of Monomyth
- Myth pattern
- Mythology
- Story moral
- Word origins
- Sentence structure [complete/incomplete]
- Verb tenses [plural, singular, past, present, future]
- Subject/Verb Agreement
- Print/Non-print Media
- Standardized Test question strategies
- Fact vs. Opinion

- Cause and Effect in Advertising
- Advertising Strategies
- Elements of Expository Essay
- Writing a 5-Paragraph Essay
- Adjectives and Adverbs

Segment 2

- Elements of fiction
- Distinguish between short fiction and long fiction
- Elements of a novel
- Reader response writing
- Importance of setting in a novel
- Importance of character in a novel
- Development of character in fiction
- Elements of plot structure in fiction
- Writing a news headline and lead paragraph
- Plot Pattern in a novel [Exposition, Rising Action, Climax, Falling Action, Resolution]
- Types of conflict in fiction (internal and external)
- Propose solution to a major conflict in a novel
- Universal themes found in literature
- Verb tenses: present, past, and future
- Identify vocabulary words in context
- Persuasive writing
- Use of persuasive vocabulary
- Distinguish the difference between prose and poetry
- Elements of poetry
- Use figurative (simile, metaphor), sensory (imagery), and sound devices in poetry (rhyme, onomatopoeia)
- Create poetry using poetry elements
- Writing haiku
- Prepositions, prepositional phrases, and object of the preposition
- Poetry journaling
- Dramatic reading of a classic
- Features of a dramatic reading
- Importance of voice in dramatic reading
- Basic elements of drama
- Compare script and story reading
- Read aloud a one-act play
- Purpose, set up, and construction of an advertisement for a drama
- Elements of playbill content and design
- Write character biography
- Write play script
- Conjunctions: but, or, and.
- Write compound sentences
- Use of a comma to separate clauses
- Define and identify write a monologue
- Keys to reading nonfiction
- Elements of biography
- Write bibliographic obituary for Harriet Tubman
- Elements of autobiography
- Distinguish between biography and autobiography
- Use of a timeline of events as a biographical sketch
- Create a photo journal autobiography

- Write an autobiographical sketch of the future
- Parts of speech
- Use of punctuation marks
- Use of commas in compound sentences
- Use of commas in a letter
- Resume writing basics

Special notes from evaluation team:

Course Title: Language Arts 6 (Choice)
Course Provider: Connections Academy
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 6th grade

Course Description:

This course deepens students' appreciation of literature through the reading and comprehension of a variety of works from poetry to novels. Students examine the attitudes and behaviors of the characters in the stories, and respond to what they have read by writing paragraphs and short essays. They improve their writing skills and continue to engage in the process of writing by focusing on crafting quality sentences, organizing paragraphs, writing summaries, and learning fundamental research skills. Activities incorporating critical thinking skills sharpen analytical abilities; and grammar, vocabulary, and spelling exercises are embedded to ensure students master the mechanics of English.

Course Syllabus/Outline:

Semester 1 – Units:

Why Do We Read?

In this unit, you will explore the Big Question: Why do we read? You will consider different aspects of why you read and why other people read. You will learn how to read informational media by using skills such as setting a purpose, previewing, summarizing, and reviewing what you have read. You will examine the text features and structure of newspaper and magazine articles, as well as read short stories, poems, and an excerpt from an autobiography. You will also write a summary. Finally, you will distinguish between action and linking verbs and learn ways to use context clues to help you understand unknown words.

What Brings Out the Best in You?

In this unit, you will think about the Big Question: What brings out the best in you? You will read selections about people who faced great challenges and achieved notable accomplishments, such as Madam C. J. Walker and Satchel Paige. As you read autobiographical and biographical texts, you will apply skills such as using your prior knowledge of a topic, making personal connections, predicting, and questioning. You will also examine the features of short stories and poetry. Additionally, you will write an autobiographical narrative, learn how to use nouns and pronouns correctly, and learn ways to use synonyms, antonyms, and prefixes to help you understand unknown words.

What's Fair and What's Not?

This unit asks you to consider the Big Question: What's fair and what's not? You will read a variety of fiction and nonfiction selections that address this question, including speeches, articles, essays, and stories. As you read these texts, you will practice reading critically. Being a critical reader involves comprehension skills such as distinguishing between facts and opinions, noticing when an author is biased about a topic, and clarifying the meaning of a text. You will also learn vocabulary skills such as understanding a word's connotations, synonyms, and shades of meaning. In this unit you will also write a persuasive essay and learn about adjectives, adverbs, and other parts of speech.

The Cay

The Cay is narrated by Phillip Enright, a young American ex-patriot who has moved to the island of Curaçao with his parents. His family relocated to the island following the outbreak of World War II, when Phillip's father was recruited to work for an oil company and support the war effort. However, when the Germans invade Curaçao, Phillip and his mother try unsuccessfully to return to the United States. Their ship is torpedoed and Phillip finds himself on a raft with a stranger with whom he has nothing in common. When the two arrive on a deserted island, Phillip and his fellow castaway must learn to work together because their survival depends on it. In this unit, you will identify literary elements, analyze characters, and use comprehension strategies to make connections and draw conclusions.

What Makes You Who You Are?

In this unit, you will think about the Big Question: What makes you who you are? You will read poems and short stories in which different writers consider this question. These texts will help you learn how to visualize what is happening in a poem or story, interpret an author's meaning, and monitor your reading comprehension. You will also learn about elements of poetry, such as figurative language, and apply this knowledge when you write a poem. You will continue learning about how to use context clues to understand unfamiliar words. Finally, you will learn about sentences, sentence fragments, subjects, predicates, and objects.

Manual:

Language Arts 6 A and B Course Guide

Textbook:

Glencoe Literature: Course 1

Textbook (online access):

Glencoe Literature: Course 1

Trade Book:

The Cay

Semester 2 – Units:**How Should We Deal with Bullies?**

In this unit, you will explore how to deal with bullies. You will read stories, poems, and articles addressing this question. You will learn how to read various kinds of text, including graphic stories and Web sites. By using skills such as drawing conclusions, understanding sequence and causal relationships, and paraphrasing and summarizing, you will learn how to analyze the texts you have read. You will also write a short story. Finally, you will learn about phrases, clauses, and how to use word structure to help you understand unknown words.

What Makes a Hero?

This unit asks you to consider the traits of a hero. You will read a variety of fiction and nonfiction selections about heroes in many different situations, ranging from heroes in ancient myths to modern heroes. As you read these texts, you will practice reading comprehension skills such as using prior knowledge, comparing and contrasting, and predicting. You'll also learn about the elements of folktales, fantasy stories, and myths, and how to understand these stories in the context of the culture they emerged from. In this unit, you will learn about the origins of English words, including the many words that came from other languages. You will also write a fable and learn about capitalization, commas, run-on sentences, and sentence combining.

What Can We Learn from Our Mistakes?

In this unit, you will think about the Big Question: What can we learn from our mistakes? You will read historical fiction and nonfiction selections addressing this question. As you read these texts, you will apply skills such as synthesizing, or putting information and ideas together, and evaluating texts. Additionally, you will write a personal narrative, learn about subject-verb agreement, and learn ways to use word roots to help you understand unknown words.

What Makes a Friend?

This unit asks you to consider what qualities make a friend. You will read short stories and dramas that address this question. As you read these texts, you will practice skills that help you understand fiction, such as visualizing and making predictions. You will also learn about the elements of drama, such as dialogue and stage directions. Learning about different aspects of speech, such as dialect and idioms, will help you learn to understand unfamiliar words and expressions. In this unit, you will also write a speech and learn about punctuation marks such as hyphens and semicolons.

Walk Two Moons

In *Walk Two Moons*, 13-year-old Salamanca “Sal” Hiddle narrates the story as she and her grandparents embark on a road trip from Euclid, Ohio, to Lewiston, Idaho. Sal, hurt and confused, struggles to accept the fact that her mother has left her and her father. The family heads to Lewiston, Idaho, where Sal hopes to be able to convince her mother to return home. While on the road, they stop to visit historic landmarks and experience the beautiful landscape of the Midwest. To pass the time in the car, Sal tells her grandparents a peculiar story about her best friend, Phoebe Winterbottom. It is this story within a story that helps Sal better understand her mother’s decision and begin to heal. This road trip changes their lives and impacts their family forever. In this unit, you will identify literary elements, analyze characters, and use comprehension strategies to make connections and draw conclusions.

Manual:

Language Arts 6 A and B Course Guide

Textbook:

Glencoe Literature: Course 1

Textbook (online access):

Glencoe Literature: Course 1

Trade Book:

Walk Two Moons

Special notes from evaluation team:

Course Title: Language Arts 7 (Choice)
Course Provider: Florida Virtual
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 7th Grade

Course Description:

Everybody uses words, but some do it better than others. It's how politicians get elected, how stores sell their products, and how people express their feelings. There are techniques and strategies for doing it well, and there is Language Arts 2 to help you do it well too.

In this course, you will read and listen to other people's words. You will analyze what they are saying and how they are saying it. You will read everything from newspapers to novels. Just as important, you will discover your own ability to use words. You will use strategies to create clear and effective written messages. You will learn how to organize and deliver oral presentations. And throughout the course, you will keep a Discovery Log that contains every word you have written.

Successful people know what words can do for them. After taking this course, so will you.

Course Syllabus/Outline:

Segment 1

- Selecting and staying on pace
- Meeting classmates
- Organizing notebook/preparing for class
- Study habits
- Time management
- Reading comprehension
- Self awareness
- Creative writing
- Elements of fiction
- Reading strategies
- Reading comprehension
- Graphic organization
- Character development
- Creative writing
- Literature and art connections
- Higher level thinking
- The writing process
- Effective writing communication
- Writing strategies
- Revision techniques
- Editing skills through grammar study
- Free writing
- Creative writing
- Expository writing
- Spelling and vocabulary enhancement
- Poetic terms
- Poetry formats
- Cultural connections

- Communicating ideas effectively
- Evaluating poetry
- Creative writing
- Poetry to art connections
- Elements of poetry
- Poetry analysis
- Sensory connections
- Poet study

Segment 2

- Active reading strategies
- Reading comprehension
- Vocabulary improvement
- Literature analysis and critique
- Summarizing
- Recalling information
- Creative writing
- Listening skills
- Active listening strategies
- Following directions
- Paying attention to details
- Speaking skills
- Public speaking strategies
- Speech development and delivery
- Creative writing
- Viewing skills
- Media literacy
- Interviewing techniques
- Nonfiction study
- Reporting techniques
- Reading comprehension
- Newspaper study
- Current events
- Comparisons and contrast
- Main idea and topic
- Biographies
- Data collection and analysis
- Descriptive writing
- Sensory images
- Poetry Terms
- Writing process
- Revise and edit
- Research service organizations

Special notes from evaluation team:

Course Title: Language Arts 7 (Choice)
Course Provider: Connections Academy
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 7th grade

Course Description:

Designed to instill core reading comprehension, Language Arts 7 uses informational text, short fiction, poetry, speeches, biographical text, folktales, and myths to guide students into becoming better readers. Students enhance their writing skills through grammar, mechanics, and language development. Communication skills are improved through strategically chosen passages shared with the teacher and Learning Coach. Students also learn useful drafting, revising, and rewriting techniques in the context of writing autobiographical accounts, research papers, poetry, and persuasive essays.

Course Syllabus/Outline:

Semester 1 – Units:

Why Do We Read?

In this unit, you will explore the Big Question: Why do we read? You will consider different aspects of why you read and why other people read. You will learn how to read informational media by using skills such as setting a purpose, previewing, summarizing, and reviewing what you have read. You will examine the text features and structure of newspaper and magazine articles, as well as read short stories, poems, and an excerpt from an autobiography. You will distinguish between action and linking verbs, and learn ways to use context clues to help you understand unknown words.

How Can We Become Who We Want to Be?

In this unit, you will explore the Big Question: How can we become who we want to be? You will consider different aspects of what makes people who they are and see how other people have worked to become who they want to be. You will learn about literary elements and examine how they influence the story. You will apply strategies such as connecting and inferring as you read biographies and autobiographies. You will learn how to use context to understand multiple-meaning words. You will also study nouns and pronouns.

The Watsons Go to Birmingham—1963

This novel tells the story of the "Weird Watson" family and the humorous events that occur to them in Flint, Michigan, in 1963. After one too many "adventures" by their oldest son, Byron, the parents decide to take a family trip to Birmingham, Alabama, to visit the children's grandmother and hopefully encourage Byron to change his ways. On their way to Alabama, and while there, the Watson children learn that life is different for African Americans in the South. You will identify literary elements and write an essay about an American hero.

Who Can We Really Count On?

In this unit, you will explore the Big Question: Who can we really count on? You will think about how the characters in the selections would answer the big question, and consider how you would answer it for yourself. You will apply skills such as drawing conclusions, responding, synthesizing, and determining the main idea as you read short stories. You will learn about adjectives, adverbs, prepositions, and interjections. You will examine the key literary elements and understand synonyms and antonyms.

Who Influences Us and How Do They Do So?

In this unit, you will explore the Big Question: Who influences us and how do they do so? You will learn about the persuasive arguments that influence people and analyze ways in which these arguments change people's lives. You will learn how persuasive writing influences readers. You will learn how to

distinguish between fact and opinion, and how to identify the author's purpose and perspective. You will examine how style, tone, diction, and word choice strengthen arguments and influence the reader. You will also identify types of sentences.

Manual:

Language Arts 7 A and B Course Guide

Textbook:

Glencoe Literature: Course 2

Textbook (online access):

Glencoe Literature: Course 2

Trade Book:

The Watsons Go to Birmingham

Semester 2 – Units:**Is Progress Always Good?**

In this unit, you will explore the Big Question: Is progress always good? You will consider different aspects of progress and how progress affects you, your family, your community, and the world. You will apply the key reading skills for understanding science and technology writing—paraphrasing and summarizing, using text features, and taking notes. You will analyze word structure by identifying base words, suffixes, and prefixes. You will distinguish between main and subordinate clauses and learn how to use the correct punctuation.

Dragonwings

This Newbery Award-winning novel takes place in the San Francisco Bay Area at the turn of the century. It is the story of a Chinese boy, Moon Shadow, who moves to Chinatown to be with his father, Windrider, who is working on a flying machine at the same time the Wright Brothers are. An historical novel, it depicts not only the lives of and discrimination against San Francisco's Chinese immigrants in the early 1900s, but also the 1906 San Francisco earthquake. You will identify literary elements and write a newspaper article describing a major event in the novel.

Why Do We Share Our Stories?

In this unit, you will explore the Big Question: Why do we share our stories? You will consider different reasons for storytelling and learn how storytelling has helped connect generations throughout time. You will learn how to understand cause and effect, and use reading skills such as questioning, predicting, and analyzing. You will analyze the literary elements of folktales: theme, characterization, cultural allusions, and dialect. You will learn to distinguish between compound and complex sentences.

What Makes You Tick?

In this unit, you will explore the Big Question: What makes you tick? You will consider different aspects of who you are and examine the things that inspire you. You will learn how to read poetry by using skills such as evaluating, interpreting, connecting, and monitoring comprehension. You will examine sound devices, figurative language, symbolism, and rhythm in a variety of poems. You will also study word origins and learn how to ensure correct subject and verb agreement.

What Is a Community?

In this unit, you will explore the Big Question: What is a community? You will read selections that allow you to visit communities in different places as well as in different times. You will consider how people and communities shape each other. You will learn how to read historical documents by using skills such as visualizing, skimming and scanning, clarifying, and predicting. You will examine descriptive writing by identifying imagery, figurative language, and how the text is organized. You will learn the correct way to use punctuation and identify compound words.

Manual:

Language Arts 7 A and B Course Guide

Textbook:

Glencoe Literature: Course 2

Textbook (online access):

Glencoe Literature: Course 2

Trade Book:

Dragonwings

Special notes from evaluation team:

Course Title: Language Arts 8 (Choice)
Course Provider: Florida Virtual
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 8th Grade

Course Description:

Maybe change would not be hard if we knew where it was all going. This course is not about telling fortunes, but it is about seeing how people and ideas have changed. It is also about discovering which ideas have lasting value for you.

Books, poems and songs are filled with stories about people discovering the world around them and the world inside them. Their authors shared their reflections about how people respond to changes and challenges. In this course, you will encounter the many faces of change. You will also be challenged to define and describe your own place in a changing world.

The purpose of this course is to give you the tools to understand and express who you are and where you want to go. By the end of the course, your portfolio of writings will give you a descriptive self-portrait of a young adult growing up.

Course Syllabus/Outline:

Segment 1

- Staying on pace
- Meeting classmates
- Organizing notebook and preparing for class
- Learning styles
- Literacy history
- Brainstorming
- Creative writing
- Reading comprehension
- Self-portrait project
- Vocabulary development
- Free-writing
- Reading skills (poetry, prose, nonfiction, songs)
- Interviewing skills
- Writing summaries and personal responses
- Friendly letters
- Media literacy
- Quotation marks
- End punctuation
- Reading and analyzing a novel
- Pre-reading strategies
- Summary writing
- Personal response to literature
- Story elements (character, plot, setting, point of view, theme)
- Time management
- Book review
- Essay structure
- Writing process (brainstorming, drafting, revising, editing)

- Narrative, expository and persuasive essays
- Writing introductions
- Writing the body of the essay (specific details)
- Writing conclusions
- Analyzing writing prompts
- Timed writings
- Scoring rubrics

Segment 2

- Appreciating and responding to poetry
- Understanding poetic devices (rhyme, stanza)
- Understanding figurative language (metaphor, simile, imagery, personification, hyperbole, onomatopoeia)
- Writing and collecting poetry
- Vocabulary development
- Real-world literacy
- Self-assessment and interest inventory
- Goal-setting (personal, school, extracurricular, career)
- Career exploration
- Fact/opinion
- Cause/effect
- Parody
- Propaganda
- Speech-writing techniques
- Listening and speaking skills
- Research skills
- Bibliography

Special notes from evaluation team:

Course Title: Language Arts 8 (Choice)
Course Provider: Connections Academy
DESE code #: 054801
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 8th grade

Course Description:

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.

Course Syllabus/Outline:

Semester 1 – Units:

Reading: What's in It for You?

In this unit, you will explore the Big Question: What's in it for you? You will read selections that help you think about the role that reading plays in your life. You will read autobiographies and biographies and examine how this genre affects you by learning from the experiences of others. The ultimate goal is to apply this knowledge to your life. You will use skills such as connecting, setting a purpose, activating prior knowledge, and identifying author's purpose. You will learn how to use context clues to understand unknown words. You will also learn about nouns and pronouns.

Which Is More Important: Journey or Destination?

In this unit, you will explore the Big Question: Which is more important, the journey or the destination? You will read about the journeys of real and imagined people and consider how they might answer the Big Question. You will learn how to read folktales by using skills such as analyzing, making inferences, predicting, and comparing and contrasting. You will examine literary elements and apply them to folktales. You will learn about modifying phrases and clauses, and misplaced and dangling modifiers.

The Giver

Eleven-year-old Jonas lives in a seemingly ideal world. There is no war or pain, and there are no choices. Every person is assigned a role in the community. When Jonas turns 12, he is chosen to receive special training from The Giver himself—a man who alone holds the key to the true pain and pleasure of life: memories. Now it is time for Jonas to receive the truth. What will Jonas do once he experiences the power of deep emotions? This gripping and provocative Newbery Award-winning novel keeps readers turning the pages and exploring the special qualities that make each of us human. You will identify literary elements and write a personal response to the novel's ambiguous ending.

What Do You Do When You Don't Know What to Do?

In this unit, you will explore the Big Question: What do you do when you don't know what to do? You will read about how other people have dealt with situations that seemed overwhelming, and you will consider strategies for coping with problems that seem too big to handle. You will learn how to read poetry by using skills such as connecting, evaluating, interpreting, and monitoring comprehension. You will examine how writers use metaphor, simile, and alliteration in a variety of poems (narrative, lyric, free verse). You will also learn about the importance of using correct subject-verb agreement.

How Do You Stay True to Yourself?

In this unit, you will explore the Big Question: How do you stay true to yourself? You will read and consider a variety of perspectives that address the Big Question. You will learn how to read short stories by using skills such as analyzing, questioning, predicting, and making inferences. You will examine how

short stories are organized and study theme, setting, characterization, and imagery. You will learn how to analyze words by identifying the base word and any prefixes and suffixes.

Manual:

Language Arts 8 A and B Course Guide

Textbook:

Glencoe Literature: Course 3

Textbook (online access):

Glencoe Literature: Course 3

Trade Book:

The Giver

Special notes from evaluation team:

Course Title: Mathematics 6
Course Provider: Florida Virtual
DESE code #: 115820
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 6th Grade

Course Description:

Get ready for the Middle Grades Math 1 course.

This is a big year for you as you move from elementary school to middle school. There is no better time than now to start applying the math you have learned in your previous courses.

MJ Math 1 is designed to engage you at every turn. You will have opportunities to demonstrate your knowledge on number manipulation by applying them to real world scenarios. The course is packed with games that reinforce and practice the skills you just learned. There are pieces of trivia and activities throughout the course that leave you with a smile.

Your teacher is anxious to join you during this learning experience. But remember, 'with this much fun it still is math'. Have Fun!

Course Syllabus/Outline:

Segment One

- Evaluate whole numbers raised to a whole number exponent.
- Apply the order of operations to simplify whole-number expressions.
- Identify and use the associative, commutative, distributive, and identity properties for whole numbers.
- Understand the concept of decimal place value and how to name decimals according to place value.
- Compare decimals in various formats and round numbers with decimals.
- Add and subtract decimals.
- Explain and justify procedures for multiplying decimals to solve real-world problems.
- Learn how to divide decimals, estimate when dividing decimals, and apply dividing decimals in real-world situations.
- Advanced: Define integers and find the absolute value of integers.
- Understand symbolic representations of numbers.
- Discuss terms and phrases that indicate addition, subtraction, multiplication, and division.
- Substitute values for variables in expressions and describe the result or patterns you observe.
- Apply the commutative, associative, and distributive properties to show that two expressions are equivalent.
- Identify and predict the n th term of arithmetic and geometric sequences.
- Advanced: Add, subtract, multiply, and divide integers.
- Use divisibility rules to identify prime and composite numbers, find the factors of a number, and write the prime factorization of a number.
- Understand and create equivalent fractions.
- Find the greatest common factor of two or more numbers.
- Understand the difference between mixed numbers, and proper and improper fractions.
- Convert improper fractions and mixed numbers.
- Understand how to compare and order fractions, percents, and decimals.
- Advanced: Convert between fractions and decimals including repeating or terminating decimals.
- Add and subtract fractions and mixed numbers with like and unlike denominators.

- Multiply and divide fractions and mixed numbers and estimate to check for reasonableness.
- Advanced: Solve one-step equations using addition and subtraction of fractions and mixed numbers.

Segment Two

- Solve and write one- and two-step equations using subtraction, addition, division, and multiplication. Write, graph, and solve one- and two-step inequalities.
- Advanced: Solve problems by working backwards.
- Advanced: Solve two-step equations with fractions.
- Show relations as sets of ordered pairs, tables, mappings, and graphs.
- Construct and analyze tables, graphs, and functions of real-world problems to describe linear functions using both common language and algebraic notation.
- Determine the measures of central tendency and variability for a given set of data.
- Analyze the measures of central tendency to best represent a data set.
- Advanced: Identify and plot ordered pairs in all four quadrants of the coordinate plane.
- Interpret and compare ratios and rates.
- Determine the percent of a number.
- Compare, order, and estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.
- Advanced: Solve percent of change problems and percent problems involving consumer applications.
- Find the perimeter and area of polygons.
- Understand the concept of pi.
- Find the area and circumference of circles.
- Find the perimeter and area of composite figures.
- Find the volume and surface area of prisms.
- Advanced: Determine the volume and surface area of composite figures.

Special notes from evaluation team:

Course Title: Mathematics 7
Course Provider: Florida Virtual
DESE code #: 115820
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 7th Grade

Course Description:

Do your parents like to start dinner with, "What did you learn in school today?"

Imagine being able to answer your parent's dinner time question with, "I learned about transformations of shapes by sliding, flipping, rotating, and enlarging them on the coordinate plane. I compared my drawings with my friend's drawings and listed the difference." How surprised would your parents be to know that you answered this way not by sitting in a classroom, but by attending an interactive, online course for seventh graders?

The FLVS MJ Math2 course gives plenty of opportunity to create, investigate, and demonstrate knowledge at both the intermediate and advanced levels. You will amaze yourself with the skills you will accumulate in completing this course. Full of animations, applications, videos, games, and real world scenarios, you may think this course is the latest video game.

Get a seat belt for your office chair. Buckle up and get ready to escape into a course for the time of your life.

Course Syllabus/Outline:

Segment One

- Use variables and expressions
- Use exponents
- Calculate and estimate square roots
- Complete problems using the order of operations
- Investigate integers, opposites, and absolute values
- Add, subtract, multiple and divide integers
- Solve one and two step equations with four operations
- Solve and graph inequalities
- Investigate ordered pairs, graphs, and their equations
- Investigate rational numbers
- Add, subtract, multiple and divide fractions
- Solve problems backwards
- Solve one and two step equations with fractions
- Use direct variation and proportions to solve problems
- Investigate slope
- Compare similar figures with scale factors
- Investigate and convert with systems of measurement

Segment Two

- Solve percent problems with proportions and equations
- Find the percent of change
- Apply percent and simple interest to real world problems
- Categories polygons, angles and triangles
- Investigate congruent and similar polygons
- Create transformations in the coordinate plane

- Use Pythagorean Theorem and Distance formula
- Study angle relations; parallel, perpendicular, and transversal
- Find the surface area and volume of Prisms, pyramids, cylinders, and cones
- Use surface area and volume to find composite figures
- Investigate the effects of changing dimensions
- Study independent and dependent variables
- Use samples and populations in organizing data
- Create box-and-whisker, scatter plots
- Choose appropriate data displays
- Study central tendencies and the effect of outliers

Special notes from evaluation team:

Course Title: Mathematics 8
Course Provider: Florida Virtual
DESE code #: 115820
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 8th Grade

Course Description:

Do you like to surf the net and play interactive games? Get ready to find this same intrigue and fun when you log in to the new MJ Math 3 course. Full of animations, applications, videos, games, and real world scenarios, you may think this course is the latest video game. No! It is MJ Math 3 course.

You will love this hands-on math course. The truth is, this course could easily become your favorite class ever. You will soon be waiting for your next opportunity to move to the next screen. The satisfaction you will gain in knowing that you truly understand higher level concepts such as systems of equations and central tendencies, will create a new you.

Get a seat belt for your computer chair. You are going to need it! Buckle up and get ready to escape into a course for the time of your life.

Course Syllabus/Outline:

Segment 1

- Add, subtract, multiply, and divide integers.
- Simplify numerical expressions involving integer exponents.
- Simplify numerical expressions using the order of operations.
- Simplify expressions using the laws of exponents.
- Represent powers of ten using exponential expressions.
- Use scientific notation to write large and small numbers, and solve problems.
- Evaluate expressions for a given value.
- Use the distributive property to simplify expressions.
- Solve and graph one- and two-step inequalities.
- Solve literal equations.
- Identify and plot ordered pairs in all four quadrants of the coordinate plane.
- Understand the concept of a function, the domain and range values for a function, and the graph of a function.
- Construct and analyze tables, graphs, and functions to describe linear functions using both common language and algebraic notation.
- Interpret slope as a rate of change.
- Interpret x- and y-intercepts.
- Compare the graphs of linear and non-linear functions for real-world situations.
- Use models to solve systems of linear equations.
- Represent systems of linear equations algebraically.
- Identify the solution to a system of linear equations using graphs.
- Identify the number of solutions to a system based on a graph.

Segment Two

- Calculate and prioritize central
- Use similar triangles.
- Use portions to solve real world problems.
- Calculate and estimate square roots.
- Use Pythagorean Theorem to solve real world problems.
- Convert between systems of measurements.

- Investigate the sum of angles in a polygon.
- Complete dimensional analysis.
- Construct and read bar and circles graphs.
- Construct and read Tables, stem-and-leafs plots, and histograms.
- Construct and analysis box and whisker plots
- Investigate and create lines of best fit for scatter plots.
- Identify basic Geometry terms
- Evaluate angles and angle pairs made from a traversal.
- Classify and measure angles
- Identify and create polygons
- Use the triangle sum theorem

Special notes from evaluation team:

Course Title: Pre-Algebra
Course Provider: Aventa
DESE code #: 115815
Number of Semesters: Two
Per Semester Cost: \$299.00

Prerequisites:

Recommended for either 8th or 9th grade

Course Description:

This course builds upon the essential skills or arithmetic as they apply to algebra. Real numbers and linear equations, linear inequalities, factoring, fractions, graphing and some elements of geometry are stressed.

Course Syllabus/Outline:

Semester 1

Basics

- Integer math, including addition, subtraction, multiplication, and division of positive and negative integers, and orders of operations
- Absolute values
- Positive exponents, and exponents in orders of operations
- Factors, prime numbers, prime factors, GCF, and LCM

Fractions

- Fractions as division problems, reducing fractions using prime factors, mixed numbers, and improper fractions
- Multiplying and dividing fractions
- Adding and subtracting fractions
- Negative exponents and multiplying exponents

Decimals and Percents

- Decimal numbers
- Converting fractions to decimals and decimal to fractions
- Number sense regarding decimals
- Percents
- Converting decimals to percents and percents to decimals
- Converting fractions to percents and percents to fractions

Word Problems

- Translating English word problems into math equations
- Creating and using a translation dictionary
- Strategies for problems solving

Semester 2

More Number Basics

- Number properties
- Rounding
- Significant digits
- Practicing skills from last semester

Polynomials

- Definitions
- Adding and subtracting polynomials
- Multiplying and dividing polynomials
- Evaluating polynomials
- Practicing skills from last semester

Factoring and Basic Geometry

- Factoring basics

- Factoring polynomials
- Basic geometric shapes
- Formulas for perimeter and area
- Right triangles and the Pythagorean Theorem
- Practicing skills from last semester

Equations

- Solving equations
- Checking your work
- Cartesian coordinate system
- Plotting points
- Linear equations
- Graphing linear equations
- Solving linear equations

Probability and Data Analysis

- Definition of probability
- Expressing probabilities as fractions, decimals, and percents
- Graphical data representations
- Making predictions from data
- Mean, median, and mode
- Data analysis projects

Special notes from evaluation team:

Course Title: World Cultures 6
Course Provider: Florida Virtual
DESE code #: 156600
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 6th Grade

Course Description:

Somebody discovered the wheel. Somebody discovered gunpowder. Somebody even figured out how to count to ten. From ancient Mesopotamia, to China and its ancient dynasties, different civilizations left their mark on history. They also left their mark on how we live today. In this course, you'll become a quiz show contestant, traveling back to these ancient civilizations to dig out the facts.

In ancient Egypt, you'll visit the pyramids and find out the secrets of preserving mummies. You'll see how the Mayas developed astronomy to a precise science. You'll even investigate ancient sewers in ancient Rome. Throughout the centuries, and still today, our world is made up of dozens of different cultures. They all are different, and they all have made big contributions to what we know and who we are.

This will be a very big adventure. There is so much to see. And by the time you're done, you'll have lots of memories to share with your friends.

Course Syllabus/Outline:

Segment 1:

- Geography Themes
- Introduction to Mesopotamia
- Study Sumer
- Explore Babylon
- Analyze Assyria
- Contributions from the Ancient Mesopotamians
- Fall of Mesopotamia
- Explore Egypt
- Study the Nile River
- Visit the Old Kingdom of Ancient Egypt
- Death practices of ancient Egypt
- Egyptian Middle Kingdom
- Egyptian New Kingdom
- Egyptian finds (such as King Tut's tomb, curse of the mummy)
- Ancient Egyptian women
- The contributions from the Ancient Egypt
- History and Geography of Ancient China
- Early Chinese Dynasties
- Chou Dynasty
- Dynasties after Chou
- Traditions and Celebrations of the Ancient Chinese
- Modern China
- Ancient Chinese Contributions
- Introduction to Ancient Greece
- Greek Time periods
- Sparta and Athens
- The Olympics

- Greek Religion and Greek Mythology
- Contributions of Ancient Greece

Segment 2:

- Introduction to Ancient Rome
- The Etruscans
- Introduction to the Roman Republic
- War and More in the Roman Republic
- The Rise and Fall of the Roman Empire
- Daily Life in Ancient Rome
- Contributions of Ancient Rome
- Time and Place (BD and AD, Latitude and Longitude, the Continents)
- Introduction to the Middle Ages
- Changes in the Middle Ages
- Contributions from the Middle Ages
- The Renaissance
- The Reformation
- Introduction to Mesoamerica
- The Olmec
- The Maya
- The Aztecs
- The Incas
- Mesoamerican Contributions
- Scientific Revolution
- Agricultural Revolution
- Industrial Revolution
- People from the Scientific, Agricultural and Industrial Revolution
- Contributions for all- Ways for Students and Student's Families to Contribute to the World

Special notes from evaluation team:

Course Title: World Geography 7
Course Provider: Florida Virtual
DESE code #: 156600
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 7th Grade

Course Description:

If you wanted to represent the entire world and its people in one theme park, what would your park look like? That is what you'll find out as you design your own Global Village Theme Park. This is a big project, and you'll want your park visitors to have a good time. To do the job right you'll need a solid knowledge of geography.

You'll start your project by going on a global fact-finding mission. Your mission will include Europe, the Middle East, Asia, North and South America, and the countries around the Pacific rim. You'll research the cultural and natural landscapes of the regions you visit. Then you'll design your own theme park offering a multicultural understanding of our world's diverse people and places.

As modern communications and transportation bring our world closer together, your knowledge of geography becomes more important. This course will take you to places around the world for a first-hand look.

Course Syllabus/Outline:

Segment 1:

- If the World Was a Village (percentages of populations in various areas)
- Calculating survey results
- Geographic Literacy
- Five Themes of Geography
- Landforms and major bodies of water
- Latitude and Longitude
- European Political Geography
- European history overview
- Diffusion and Acculturation
- European Union
- Middle East and North African Political Geography
- Middle Eastern Family Life
- Political Structures in the Middle East

Segment 2:

- Latin American Geography
- Latin American Family and Social Life
- Latin American Land Use and Change
- Economics- Flow of Goods
- Pacific Rim Geography
- Pacific Rim Societies and Family Life
- National Economic Systems in the Pacific Rim
- Impact of Industrialization in the Pacific Rim
- North American Geography
- Changing Demographics
- Impact of Urbanization
- Conservation of Natural Resources
- South Asian Geography

- Society and Family Life in South Asia
- Nationalism
- Independence from Colonial Rule in South Asia
- Building a Theme Park for Cultural Understanding

Special notes from evaluation team:

Course Title: U. S. History 8
Course Provider: Florida Virtual
DESE code #: 156600
Number of Semesters: Two
Per Semester Cost: \$375.00

Prerequisites:

Recommended for 8th Grade

Course Description:

The mystery of history! We invite you to unravel the true story of American history. As a history detective, you'll uncover the clues and examine the evidence. You'll discover that history is full of adventure, colorful characters, and complex plots. Each case will be different, and each case will highlight an important story from our nation's past.

From earliest prehistoric inhabitants to the citizens of today, America's people have had big dreams for themselves and for their land. This course invites you to examine these dreams in light of the facts. You'll look at important questions about war, civil rights, nation building, and our national spirit. You'll see how the past connects with the present to give us a sense of identity as Americans.

For great detectives, the facts are just the beginning. Solving a case requires the talent to connect people, places and events into a complete picture of what really happened.

Course Syllabus/Outline:

Segment 1:

- Defining history
- The use of timelines and artifacts
- The Age of Exploration
- The Atlantic Slave Trade
- The 13 Colonies
- The American Revolution
- The Constitution
- Manifest Destiny
- The Oregon Trail
- The Trial of Tears
- The Mexican – American War

Segment 2:

- The Civil War & Reconstruction
- The Industrial Revolution
- The Immigrant Experience
- World War I
- The Roaring Twenties
- The Harlem Renaissance
- The Great Depression and The New Deal
- World War II
- The Holocaust
- The Cold War and Vietnam
- The Civil Rights Movement

Special notes from evaluation team:

Course Title: Science 6
Course Provider: Aventa
DESE code #: 134230
Number of Semesters: Two
Per Semester Cost: \$299.00

Prerequisites:

Recommended for 6th grade

Course Description:

The 6th grade science course will introduce students to a variety of science topics, skills and ideas. Students will have the opportunity to explore several different scientific fields through research, experimentation, and interactive activities. Throughout the course, students will use the scientific method and understand that the scientific method applies to all scientific disciplines and endeavors.

Course Objectives:

After completing the course, students will be able to:

- Plan and implement and investigation using the scientific method
- Collect, display and interpret data from a scientific investigation
- Identify and describe the relationship between force and motion
- Identify chemical and physical properties and classify matter based on these properties
- Understand and describe the relationship between matter and energy
- Explain the origin and path of energy and its importance to all life on earth
- Understand that traits are inherited and that traits can change over time
- Understand that organisms respond to external stimuli and identify these responses
- Know and identify the basic structure and components of the solar system, the earth's atmosphere and the earth's surface

Course Syllabus/Outline:

Introduction to the Scientific Method

- Scientific Method Steps
- Collecting, reporting, and analyzing data
- Drawing conclusions

Physical Science

- Chemistry – What is matter?
- States of Matter
- Chemical and Physical Properties
- Chemical changes/reactions
- Physics – Force and Motion
- Energy – What is energy?
- Energy Types and Sources
- Energy Transformations

Ecology

- Introduction to Ecology
- Energy in Nature – Interactions between matter and energy in the ecosystem

Life Science

- Cells – Introduction to Cell Therapy
- Genetics
- Organization in Living Things
- Stimulus and Response in Living Things

Earth Science

- Geology
- Astronomy

Course Title: Science 7
Course Provider: Aventa
DESE code #: 133800
Number of Semesters: Two
Per Semester Cost: 299.00

Prerequisites:

Recommended for 7th grade

Course Description:

This course will provide students with enlightenment and instruction on the nature of science, using a discovery process to teach the scientific method, and the use of metric measurements in scientific investigations. It covers the study of the Universe, stars, constellations, and objects in the Solar System. Movement and pathways of the Earth and Moon are investigated, with natural paths uncovered as students discover just how large the universe really is. Next, students will discover how Earth materials are formed and what they can teach us about Mother Earth's past as they investigate the natural processes that shape its ecosystem, the landscape and the creation of different environments on Earth. The course then covers basic concepts of force, motion, and equilibrium. Concepts of human biology are also uncovered, with emphasis on body systems and those amazing functions that contribute to our wellness. Agricultural science and its impact on biotechnology is introduced, along with its affect on human interaction with the earth. Finally, the basics of environmental science are covered, and through the use of stunning photography and lively animation, students will interact with endangered species, learn about natural resource use, environmental health, pollution, and biodiversity.

Course Objectives:

After completing the course, students will be able to:

- Describe the scientific method and explain the value of observation and measurement in scientific investigations
- Describe the general nature of the Solar System, the Earth and Moon and their movements
- Explain how various Earth materials are formed and how the Earth changes over time through storms and other natural events such as volcanic eruptions
- Explain the concepts of force and motion and describe simple machines
- Know the systems of the human body and their functions
- Explain how living things respond to their environment and change over time
- Understand concepts of ecology, and define terms such as habitat, ecosystem, producer, and consumer
- Explain how air and water become polluted
- Describe what biodiversity is and why it is important to Earth

Course Syllabus/Outline:

Nature of Science

- Observation Skills and Scientific Tools
- Designing Investigations and Communicating Results
- Lab Safety, Ethics, the Role of Science in making societal decisions
- Systems analysis and models

The Universe

- The Solar System
- Movements of the Earth and Moon

Earth Science

- Fossils and Earth Materials
- Weathering, and Erosion, shaping the landscape
- Atmosphere and Climate, Meteorology, Storms, and Weather Patterns
- The Water Cycle

Physical Science

- Forces and Motion
- Simple Machines
- The Periodic Table, trends within the periodic table
- Chemical Reactions, identifying products and reactants

Living Things

- Systems on the Human Body
- Living Things Change over Time
- Effect of Environment, Survival and Reproduction, Inherited Traits
- Ecology
- Producers and Consumers, Habitat, Niche, Ecosystems

Environmental Science

- Natural Resources and Human Use of Resources
- Biodiversity
- Energy, Pollution, and Approaches to Conservation
- Agriculture and Human Societies
- Environmental Health

Special notes from evaluation team:

Course Title: Science 8
Course Provider: Aventa
DESE code #: 135010
Number of Semesters: Two
Per Semester Cost: \$299.00

Prerequisites:

Recommended for 8th grade

Course Description:

This course provides a rigorous and comprehensive foundation for the 8th-grade student about to enter high school science. It covers the relevant topics in all the major disciplines, building on prior knowledge and expanding on subjects introduced earlier in middle school. Students begin with a review of the scientific process and get more into depth with the idea of critical analysis of theories and experimental research. They will move on to discuss principles of physical science and energy. In the life science portion of the course, students will cover structure and function of organisms, genetics, and evolution, and tenets of ecology. This will flow into the environmental science topics including earth's cycles and environmental problems. A brief discussion of the solar system will also be covered. Students will learn about the assigned topics through interactive activities, experimentation, discussion, and engaging text and animations. Graded assignments will be stimulating and thought-provoking, hopefully paving the way for future interest in the scientific disciplines.

Course Objectives:

After completing the course, students will be able to:

- Explain and use the methods and tools of scientific inquiry, applying them across scientific disciplines
- Identify properties of an atom, element, compound, and mixture, and apply knowledge to use of formulas and equations
- Describe the concepts of friction, gravity, waves, and kinetic and potential energy
- Apply knowledge of structure and function of organisms to categorize them taxonomically and compare and contrast across the taxonomic levels
- Define and give examples of adaptations and explain how they apply to genetics and evolution
- Describe energy flow in terms of food webs and trophic levels, involving biotic and abiotic components
- Identify features of the major biomes
- Describe the environmental cycles involving water, nitrogen, and carbon and discuss the global implications of altering them
- Identify sources of environmental distress and discuss different measures that humans are taking, or may take in the future, to improve the health of the planet

Course Syllabus/Outline:

The Scientific Process

- Review of the Scientific Method
- Tools and Measurement
- Critical Analysis

Chemistry

- The Atom
- Elements, Compounds, and Mixtures
- Formulas Basic Atomic Structure

Physics

- Force and Motion
- Gravity
- Waves

Energy

- Transfer and Conversion of Energy
- Specific Heat
- Kinetic and Potential Energy
- Energy and the Environment

Life Science

- Structure and Function of Organisms
- Interactions of Systems
- Adaptation
- Genetics and Evolution

Ecology

- Flow of Energy
- Relationships

Environmental Science

- Biomes
- Earth System Cycles
- Environmental Problems

Astronomy

- Characteristics of the Solar Systems

Special notes from evaluation team:

Course Title: Career Explorations
Course Provider: Aventa
DESE code #: 096802
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

Recommended for 7th or 8th grade

Course Description:

In this course, students will learn about various careers that are available today. The students will complete self-evaluations to determine which careers are of most interest to them. Assignments, including research and interviews, will help give the student a hands-on approach to creating a plan for the future.

Course Objectives:

After completing the course, students will be able to:

- Explain the importance of work to the individual and society
- Explain the difference between a job and a career
- Identify personal interests and how they relate to possible careers
- Identify personal strengths and weaknesses and how they relate to possible careers
- Identify multiple careers that are a part of the following career clusters:
 - Agricultural, Food & Natural Resources
 - Architecture & Construction
 - Arts, Audio-Video Technology & Communications
 - Business, Management & Administration
 - Education & Training
 - Finance
 - Government & Public Administration
 - Health Science
 - Hospitality & Tourism
 - Human Services
 - Information Technology (IT)
 - Law, Public Safety & Security
 - Manufacturing
 - Marketing, Sales & Service
 - Science, Technology, Engineering & Mathematics
 - Transportation, Distribution & Logistics
- Explain the importance of proper work etiquette
- Participate in a work experience
- Create a career plan

Course Syllabus/Outline:

- Career explorations introduction
- Discovering yourself
- Discovering careers
- Work etiquette
- Work experiences
- Career Plan

Special notes from evaluation team:

Course Title: Keyboarding
Course Provider: Florida Virtual
DESE code #: 034390
Number of Semesters: One
Per Semester Cost: \$375.00

Prerequisites:

Recommended for Grades 6th-8th

Course Description:

Show me your best move. We could be talking about dribbling on a basketball court, or checkmating your opponent on a chessboard. The playing surface where winning or losing really matters is your computer's keyboard. Keyboarding is the kind of game that everybody plays. It's also the kind of game where skill and strategy really count.

This course will give you the coaching needed to become a keyboarding master. With special downloadable software, your fingers will learn to fly. You'll learn what all the keys do, how to find them in an instant, and how to concentrate on the important stuff - creating the message you want to communicate. You'll also learn about the importance of keyboarding for your future career, and the kind of careers that might be right for you.

It will take a little practice, but this course offers you the best strategies. It also gives you a personalized coach (your teacher) who will take you to the top of your game in a hurry.

Course Syllabus/Outline:

- Alphabetic Keyboard
- Numeric Keyboard
- Numeric Keypad
- Keyboard Skill Building (increase speed and accuracy)
- Netiquette
- Business Ethics
- Formatting of Memorandums
- Formatting of Business Letters
- Formatting of Reports with References (including title and reference pages)
- Career Interest Inventory
- Career Research
- Letter of Interest
- History of the Keyboard and New Technology

Special notes from evaluation team:

Course Title: Art Appreciation 6
Course Provider: Aventa
DESE code #: 024110
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

None

Course Description:

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique artifacts and works of architecture that define ancient civilizations. From Mesopotamia, the world's first civilization, to the Roman streets of Pompeii, participants will learn the fundamental concepts of art, how to look at and evaluate art, and the intended function of natural history museums through hands-on-activities, discussions, written assignments, and objective assessments.

Course Objectives:

After completing the course, students will be able to:

- Understand and explain the significance of artworks produced in various world regions
- Identify and discuss, utilizing relevant terminology, formal elements, principles of design, and stylistic characteristics found in artworks from various world regions
- Converse with others about art and the function of artifacts and architectural structures in relation to ancient cultural conditions
- Understand the mission of natural history museums and how museum staff interprets acquisitions
- Analyze works, placing them in historical, social, and cultural context
- Create hands-on activities demonstrating an understanding of the construction of ancient architecture and techniques used by ancient artisans

Course Syllabus/Outline:

- Orientation: Introduction to art appreciation, getting started, timeline of ancient history
- What is Art?: Art vs. artifact, careers, prehistoric cave/rock painting of France and Australia, Stonehenge
- Mesopotamia and Indus River Valley: Stele of Hammurabi, Ishtar Gate, Mohenjo-Daro, Great Stupa
- Egypt: Palette of Narmer, Pyramids of Giza and Great Sphinx, Egyptian painting
- China and Japan: Bronze vessels, terracotta warriors, scrolls, Jomon vessels
- Ancient Greece: Architectural orders, archaic sculpture, Greek pottery, Acropolis
- Ancient Rome: Colosseum, Augustus of Prima Porta, Roman Forum, Pantheon, Pompeii
- The Americas: Olmec head, Great Serpent Mound, Pueblo Bonito of Chaco Canyon, Maya architecture
- Museums: Natural history museum, mission of museum, careers

Special notes from evaluation team:

Good course but has little production of art

Course Title: Art Appreciation 7
Course Provider: Aventa
DESE code #: 024110
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

None

Course Description:

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique art and architecture that defines the Medieval and Renaissance periods. From Leonardo da Vinci to the Taj Mahal, participants will learn the fundamental concepts of art, how to look at and evaluate art, and the intended function of art museums through hands-on activities, discussions, written assignments, and objective assessments.

Course Objectives:

After completing the course, students will be able to:

- Understand and explain the significance of artworks produced in various world regions
- Identify and discuss, utilizing relevant terminology, formal elements, principles of design, and stylistic characteristics found in artworks from various world regions
- Converse with others about art and the function of artifacts and architectural structures in relation to ancient cultural conditions
- Understand the mission of natural history museums and how museum staff interprets acquisitions
- Analyze works, placing them in historical, social, and cultural context
- Create hands-on activities demonstrating an understanding of the construction of ancient architecture and techniques used by ancient artisans

Course Syllabus/Outline:

- Orientation: Introduction to art appreciation, getting started, timeline of Medieval/Renaissance history
- What is Art?: Art vs. artifact, careers, art criticism
- Medieval Europe: Gothic architecture
- Art of Africa and Islamic Art: Ife and Benin sculpture, African ancestral masks, mosques, Arabic calligraphy and textiles
- India, China, and Japan: Taj Mahal, Hindu art, literary painting, Forbidden City, tea ceremony
- The Americas: Tenochtitlan, Machu Picchu, Native American basketry and textiles
- Italian Renaissance: Leonardo da Vinci, Michelangelo, Botticelli, Gentileschi
- Northern and Spanish Renaissance: Velazquez, van Eyck, Rembrandt, Durer, Vermeer, Ruysch
- Museums: Art museums, mission of museums, careers

Special notes from evaluation team:

Good course but has little production of art

Course Title: Art Appreciation 8
Course Provider: Aventa
DESE code #: 024110
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

None

Course Description:

Journey through time and place while examining some of the greatest masterpieces created. In this course, students will explore world regions and study the unique art and architecture that defines modern-day civilizations. From Picasso to Hiroshige, participants will learn the fundamental concepts of art, how to look at and evaluate art, and the intended function of art museums through hands-on activities, discussions, written assignments, and objective assessments.

Course Objectives:

After completing the course, students will be able to:

- Understand and explain the significance of artworks produced in various world regions
- Identify and discuss, utilizing relevant terminology, formal elements, principles of design, and stylistic characteristics found in artworks from various world regions
- Converse with others about art and the function of art in modern society
- Identify and obtain valid resources for the study of art history and the applied arts
- Analyze works, placing them in historical, social, and cultural context
- Create hands-on activities demonstrating an understanding of the techniques used by master Artists

Course Syllabus/Outline:

- Orientation: Introduction to art appreciation, getting started, timeline of the modern world
- Resources: Art journals, art associations, careers in art, online resources
- India, China, and Japan – ukiyo-e, city planning, modern architecture
- Europe: Claude Monet, Vincent van Gogh, Edvard Munch, Anselm Kiefer, Guggenheim Bilbao
- The United States: Picasso, Frank Lloyd Wright, Andy Warhol, Romare Bearden, Duane Hanson, Cindy Sherman
- The Americas: Mexican muralists, Native American jewelry and textiles
- Africa and the Pacific Cultures: Art of Burkino Faso, Nankani compound, African furniture, Maori meetinghouse, sand painting
- Other Art Forms: Advertising and graphic design, crafts, film and television
- Writing About Art: Art historians and critics, critical analysis

Special notes from evaluation team:

Course is mostly learning and writing reports; little production of art

Course Title: Art Production 7
Course Provider: Connections Academy
DESE code #: 024100
Number of Semesters: One
Per Semester Cost: \$375.00

Prerequisites:

None

Course Description:

The seventh grade Art course focuses on the visual arts as a form of personal expression. Students explore the basics of art, including the methods and themes of expression. This course has strong ties to social studies and a strong emphasis on drawing and painting techniques.

Course Syllabus/Outline:

Units:

Warm Up: The Art Basics

You will warm up your skills in Unit 1 by reviewing basic drawing skills, the elements and principles of art, and ways in which to judge and critique an artwork. You will have the opportunity to design, draw, and paint in this unit.

Methods of Visual Expression

In Unit 2 you will learn a variety of methods to create compositions and meaning in your artwork. Topics include: combining the art elements, using signs, symbols and text, the functions of images, and figure drawing. You will have the opportunity to draw, paint, design, and collage.

Using Your Voice: Themes and Meaning

Unit 3 allows you to develop your own content and meaning in self-inspired artworks. Each lesson in this unit asks you to express a specific dimension or characteristic of your identity or opinion. Some of these dimensions are emotions, family, cultural heritage, and personal opinions. You will have the opportunity to sculpt, draw, paint, design, write, and tell a story, and complete interactive activities.

Art Kit:

Beginner Sketch Set
Drawing pad
Paint, acrylic (set of 6 colors)
Paintbrushes, acrylic (4)

Textbook:

Glencoe Exploring Art

Textbook (online access):

Glencoe Exploring Art

Special notes from evaluation team:

Course Title: Art Production 8
Course Provider: Connections Academy
DESE code #: 024100
Number of Semesters: One
Per Semester Cost: \$375.00

Prerequisites:

None

Course Description:

Students in eighth grade Art learn how visual art influences people and places, and alternatively, how people and places influence the world of art. Students make connections between art from across time and location as they create their own art meant to influence ideas, actions, or environments.

Course Syllabus/Outline:

Units:

Reviewing the Basics

In Unit 1, you will review the basics of art. You will explore art definitions, perception and imagination, the elements and principles of art, aesthetics, and the methods of art historians. You will have the opportunity to draw, paint, design, and write in this unit.

Influences on Art

In Unit 2 you will learn about some of the influential forces that affected art through time. You will become familiar with the surprising connections between art and other disciplines, including math, technology, music, and social studies. You will then produce your own artworks based on these connections.

Art That Influences People

In contrast to the previous unit, Unit 3 discusses the effect art has had on people and cultures through time. You will become familiar with the influential power art can have on opinions, feelings, beliefs, and actions. You will have the opportunity to create artwork with such intentions.

Art That Influences Spaces

The focus of Unit 4 is the influence of art on an environment. Whether it is a public space, a building, or room, the elements and principles of art can alter, enhance, or exploit an environment. This design-focused unit will allow you to experiment with impacting your surrounding environments.

Art Kit:

Drawing pad
Paint, watercolor (set of 12 colors)
Paintbrushes, watercolor (4)
Pastels, chalk (set of 24 colors)

Textbook:

Glencoe Exploring Art

Textbook (online access):

Glencoe Exploring Art

Special notes from evaluation team:

Course Title: Orientation to Art 2-D
Course Provider: Florida Virtual
DESE code #: 024140
Number of Semesters: One
Per Semester Cost: \$375.00

Prerequisites:

Recommended for grades 6 – 8

Course Description:

Where do super heroes come from? They live in the action-filled pages of comic books. Who gives them their super powers? It's the creative artist who puts energy and excitement into every drawing. You too can create your own super heroes, and discover the power you hold in your pencil.

Using the tools, tricks and techniques of professional artists, you'll create people and objects that leap off the page. You'll start with your sketchbook, and put down your ideas and impressions. You'll develop those ideas by using lines, colors, composition and perspective. You'll finish with a collection of original artwork that tells the story your way.

In this course you'll experience the creative processes used by all artists. You'll learn how to analyze, interpret and evaluate art. But most of all, you'll have a portfolio of work that demonstrates your own skill and creativity as an artist.

Students will need access to a scanner or a digital camera for submitting work for this course. In addition, students will need to use some basic art supplies. This course does not meet the criteria for a High School Course and is available for Middle School only.

Course Syllabus/Outline:

- Lines (element of design)
- Shapes (element of design)
- Values (element of design)
- Space (element of design)
- Color (element of design)
- Self-Portrait
- Balance (principle of design)
- Emphasis (principle of design)
- Harmony (principle of design)
- Variety (principle of design)
- Gradation (principle of design)
- Movement (principle of design)
- Proportion (principle of design)
- Unity (principle of design)
- Create using a variety of media:
 - Markers
 - Pencil
 - Printmaking
 - Collage
 - Watercolors
- Web museum study of works by artists:
 - Lichtenstein
 - VanGogh
 - Matisse
 - Rubens

- Adams
- Hopper
- Cezanne
- Mondrian
- Oldenburg
- Warhol
- Vasarely
- Toulouse-Lautrec
- O'Keeffe
- Writing an artist statement
- Critique Art (describe, analyze, interpret, evaluate)

Special notes from evaluation team:

Course Title: Music 7
Course Provider: Aventa
DESE code #: 126900
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

Recommended for grades 6 – 8

Course Description:

Through this online Music Appreciation course students will be exposed to many diverse activities and will learn a wide variety of musical concepts they will be able to use in their everyday lives for the rest of their lives. Students will learn foundational skills such as performing, listening, analyzing, and responding to music. Students will develop a sense of self-esteem by accomplishing activities that require higher critical thinking skills especially developed for their grade level. Integrated assignments incorporate other content areas of study such as: science, social studies, and math. The content studied will directly apply to other areas of study providing students with an additional enrichment experience they'll be able to take with them for a lifetime. Quizzes, discussion boards, projects, and performance activities will be assessed weekly to gauge content understanding. After completion of this course, students will have the knowledge to reflect on musical periods and styles, understand music's role in history, analyze and evaluate music, develop criteria necessary for making critical judgments and informed musical choices, as well as enhance their overall musicianship.

Course Objectives:

After completing the course, students will be able to:

- Describe and analyze musical sound
- Demonstrate musical artistry
- Demonstrate characteristic vocal or instrumental timbre
- Describe intervals, music notation, musical instruments using standard terminology
- Identify music forms presented aurally and through music notation
- Notate meter, rhythm, pitch, and dynamics using standard symbols
- Interpret music symbols and terms referring to dynamics, tempo, and articulation
- Create increasing complex rhythmic and melodic phrases
- Arrange increasingly complex rhythmic and melodic phrases
- Classify aurally-presented music representative of diverse genres, styles, periods, and cultures
- Identify the relationships between the content, the concepts, and the processes of music
- Design and apply criteria for evaluating the quality and effectiveness of musical performances
- Exhibit concert etiquette during live performances in a variety of settings

Course Syllabus/Outline:

UNIT I: Notation & Elements

- Duration
- Intensity
- Pitch
- Timbre
- Notation

UNIT II: Notation & Principles

- Composition
- Form
- Harmony
- Rhythm
- Texture
- Notation

UNIT III: Vocabulary & Terminology

- Notation
- Instruments
- Performance
- Musicianship

UNIT IV: Technology

- MIDI
- Interactive Programs
- Audio Equipment
- Mixers
- Recording

UNIT V: Geography

- Africa
- Asia
- Australia
- Central, North, South America
- Europe

UNIT VI: Genre & Style

- Jazz
- Blues
- Bluegrass
- Classical
- Rock
- Pop
- Hip Hop

UNIT VII: Performance & Audience

- Performing
- Performances
- Analyzing
- Critical Response

UNIT VIII: Historical, Cultural, and Social

- Time Periods
- Tradition
- Social Impact
- Historical Impact

UNIT VIII: Response & Evaluate

- Comparing and Contrasting
- Analyzing and Interpreting
- Criticism

Special notes from evaluation team:

Music 7 and Music 8 provides one year exposed to Music Appreciation

Course Title: Music 8
Course Provider: Aventa
DESE code #: 126900
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

Recommended for grades 6 – 8

Course Description:

Through this online Music Appreciation course students will be exposed to many diverse activities and will learn a wide variety of musical concepts they will be able to use in their everyday lives for the rest of their lives. Students will learn foundational skills such as performing, listening, analyzing, and responding to music. Students will develop a sense of self-esteem by accomplishing activities that require higher critical thinking skills especially developed for their grade level. Integrated assignments incorporate other content areas of study such as: science, social studies, and math. The content studied will directly apply to other areas of study providing students with an additional enrichment experience they'll be able to take with them for a lifetime. Quizzes, discussion boards, projects, and performance activities will be assessed weekly to gauge content understanding. After completion of this course, students will have the knowledge to critically analyze music, use proper music terminology to describe musical concepts, create music of their own, and enhance their musicianship.

Course Objectives:

After completing the course, students will be able to:

- Identify and use comprehensive music vocabulary
- Recognize, know and use a variety of musical elements to create a piece of music
- Explain the function and benefits of rehearsal and practice sessions
- Know where music events occur and how to gain admission to them
- Understand the function and uses of technology and how it applies to music
- Explain the historical, cultural and social context of an individual piece of music
- Relate pieces of music of varying styles and genre to their respective categories by form
- Relate pieces of music of varying styles and genre to their respective time periods
- Relate music to geographic regions such as: Africa, Asia, Australia, Central America, Europe, N. and S. America
- Compare and contrast music
- Analyze and interpret
- Evaluate and form personal judgments

Course Syllabus/Outline:

UNIT I: Notation & Elements

- Duration
- Intensity
- Pitch
- Timbre
- Notation

UNIT II: Notation & Principles

- Composition
- Form
- Harmony
- Rhythm
- Texture
- Notation

UNIT III: Vocabulary & Terminology

- Notation
- Instruments
- Performance
- Musicianship

UNIT IV: Technology

- MIDI
- Interactive Programs
- Audio Equipment
- Mixers
- Recording

UNIT V: Geography

- Africa
- Asia
- Australia
- Central, North, South America
- Europe

UNIT VI: Genre & Style

- Jazz
- Blues
- Bluegrass
- Classical
- Rock
- Pop
- Hip Hop

UNIT VII: Performance & Audience

- Performing
- Performances
- Analyzing
- Critical Response

UNIT VIII: Historical, Cultural, and Social

- Time Periods
- Tradition
- Social Impact
- Historical Impact

UNIT VIII: Response & Evaluate

- Comparing and Contrasting
- Analyzing and Interpreting
- Criticism

Special notes from evaluation team:

Music 7 and Music 8 provides one year exposed to Music Appreciation

Course Title: World Language Survey
Course Provider: Aventa
DESE code #: 060000
Number of Semesters: One
Per Semester Cost: \$299.00

Prerequisites:

Recommended for grades 6 – 8

Course Description:

In this World Languages course students will be introduced to 6 different languages within 18 weeks. The languages in this course include Spanish, French, German, Latin, Chinese and Japanese. Each language will be taught in a period of 3 weeks. This multilingual course is designed to give students an opportunity to gain understanding of a language that they might want to further study in the future. Each language is equally represented, thus allowing the student to conceptualize and practice the language one at a time. The course takes a multi-perspective approach for teaching the culture of the people that speak the language along with fundamental communication skills in the target language. Activities that engage students and make language learning exciting and fun will be incorporated to build acquisition. The language will be taught using the communicative method which combines listening, speaking, reading and writing in the target language with the use of multimedia resources.

Course Objectives:

After completing the course, students will be able to:

- Become familiar with the languages and their unique culture
- Communicate on a basic level in the languages presented
- Share information on topics related to the languages
- Present information on different topics related to the cultures where a particular language is spoken
- Travel virtually and experience what it would be like to live in the countries where the languages are spoken
- Differentiate linguistic concepts and patterns
- Gain insight on our multilingual and multicultural world

Course Syllabus/Outline:

Spanish

Culture/Comparisons: Spanish Speaking Countries

- Regions of Spain
- History
- Traditions
- Analysis

Communication: Introductions

- Introductions
- Farewells
- Greetings
- Counting
- Asking for and telling time
- Days of the week
- Months of the year

Connection: Daily Routines

- Family members
- Occupations
- Nationalities
- Leisure activities

French

Culture/Comparisons: French Speaking Countries

- Regions of France
- History
- Traditions
- Analysis

Communication: Introductions

- Farewells
- Greetings
- Counting
- Asking for and telling time
- Days of the week
- Months of the year

Connection: Daily Routines

- Family members
- Occupations
- Nationalities
- Leisure activities

German

Culture/Comparisons: Germany and Its Regions

- History
- Traditions
- Famous German Musicians
- Analysis

Communication: Introductions

- Farewells
- Greetings
- Counting
- Asking for and telling time
- Days of the week
- Months of the year

Connection: Daily Routines

- Family members
- Occupations
- Nationalities
- Leisure activities

Latin

Culture/Comparisons: Antiquity

- Traditions
- Classics
- Analysis

Communication: Introductions

- Greetings
- Counting
- Word order

Connection: Daily Routines

- Family members
- Occupations
- Leisure activities

Chinese

Culture/Comparisons: China and Its Regions

- History

- Traditions
- Chinese art and cuisine
- Analysis

Communication: Introductions

- Farewells
- Greetings
- Counting
- Asking for and telling time
- Days of the week
- Months of the year

Connection: Daily Routines

- Family members
- Occupations
- Nationalities
- Leisure activities

Japanese

Culture/Comparisons: Japan and Its Regions

- History
- Traditions
- Japanese art, architecture and cuisine
- Analysis

Communication: Introductions

- Farewells
- Greetings
- Counting
- Asking for and telling time
- Days of the week
- Months of the year

Connection: Daily Routines

- Family members
- Occupations
- Nationalities
- Leisure activities

Special notes from evaluation team:

Course Title: Sign Language (American) – Middle
Course Provider: Connections Academy
DESE code #: 062000
Number of Semesters: One
Per Semester Cost: \$260.00

Prerequisites:

None

Course Description:

In this course, students are introduced to the fundamental concepts of American Sign Language. Students explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques.

Course Syllabus/Outline:

Units:

Intro

In this unit, your student will be introduced to American Sign Language, or ASL. He will study the history of ASL and learn how it became the standard language for deaf and hard of hearing people in North America. He will also learn about some of the accepted rules of etiquette in Deaf culture. This introductory unit also teaches your student how to sign the letters of the alphabet and the mechanics of fingerspelling.

Numbers

This unit introduces the signing of numbers. Your student will learn how to sign numbers 1–100, as well as the signs for dollars and cents. A variety of fun activities give your student a chance to practice using ASL to discuss counting and using money.

Time

In this unit, your student will study various aspects of time. Not only will he learn how to communicate time using ASL, he will also learn the signs for the 7 days of the week and the 12 months of the year. The signs for various holidays as well as the four seasons are also taught in this unit.

Nouns

Your student will learn the signs for some commonly used nouns and pronouns. She will also be introduced to the ASL concepts of Indexing, Agency, and Nonmanual Markers. Combining these new concepts and the signs your student has learned will expand her growing library of American Sign Language knowledge.

Descriptions

This unit will teach your student how to sign various descriptions using American Sign Language. He will learn how to sign comparative adjectives and show comparison between two or more nouns or pronouns. Also, he will learn the signs for descriptive words that express size, shape, possession, color, and location. In addition, he will combine some previously taught signs for numbers, time, and nouns, with descriptive signs taught in this unit.

Special notes from evaluation team: