Traverse Academy Course Catalog 26 - 27

High School (Grades 9 - 12)

Title: Integrated Language Arts
Credits: 1 per year
Description: The specific content of Integrated English Language Arts class varies, but it is a comprehensive course that combines the study of language arts, literature, and composition. It is designed to help students develop their reading, writing, speaking, and listening skills. The course focuses on a wide range of topics, including grammar, usage, and mechanics; reading strategies, comprehension, and critical thinking; writing, literature, and composition; and research and media. Students learn to analyze texts, make inferences, use evidence to support their interpretations, and draw conclusions. They also practice summarizing, synthesizing, and analyzing texts. The course's writing, literature, and composition component focuses on developing effective written communication skills. They practice different forms of writing, such as argumentative, informative, research, and/or narrative. Students learn how to effectively communicate by reading, writing, and speaking in a variety of ways and exploring language features and forms that are integral to the English language. Through this course, students learn how to effectively communicate in a variety of ways, develop their critical thinking and reading comprehension skills, and become proficient in research and media.

Title: Integrated Social Studies
Credits: 1 per year
Description: The specific content of Integrated Social Studies class varies but aims to enable students to become competent citizens in a culturally diverse, democratic society and an interdependent world. This course integrates the principles of social sciences and humanities to develop this civic capability, drawing on disciplines such as anthropology, archaeology, economics, geography, history, law, philosophy, political science, psychology, religion, sociology, and appropriate content from the humanities, mathematics, and natural sciences. Ultimately, the intention is to help students make informed and reasoned decisions for the public good.

Title: Integrated Math
Credits: 1 per year
Description: The specific content of Integrated Math class varies. Still, it draws upon the principles of several different mathematics disciplines and specialties- Algebra, Geometry, Algebra II, Trigonometry, Statistics, Pre-Calculus, and Calculus- and involves content that may apply to a range of consecutive grades. Integrated Math covers topics such as linear equations, inequalities, functions, financial literacy, and trigonometry. It also covers topics related to geometry, including angles, polygons, and circles. In

addition, the course explores topics in statistics, including probability, correlation, and regression. Students will learn how to solve problems using mathematical models. This course provides a comprehensive view of how mathematics is used in real-world situations.

Title: Integrated Sciences
Credits: 1 per year
Description: The specific content of Integrated Science class varies and draws upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organizes the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme or phenomenon. By combining traditional science disciplines, students are able to gain a more comprehensive understanding of the scientific process and how the various disciplines work together.

Title: Visual Arts
Credits: 1 per year
Description: The specific content of the Visual Arts class varies and enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Common themes covered include observation, interpretation of the visual environment, visual communication, imagination, and symbolism. This course covers the language, materials, media, and processes of art forms and design elements used.

Title: Physical Education
Credits: 1 per year
Description: The specific content of the Physical Education class provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Title: Advisory
Credits: 0
Description: The specific content of the Advisory class varies and provides an opportunity for students to develop goals, complete weekly screening measures, practice mindfulness/relaxation skills, etc.

Title: Affective Ed
Credits: 1 per year

Description: The specific content of the Affective Ed class varies and is designed to support students in goal setting, executive function, and core course support with an emphasis on processing skills, including goal-setting, decision-making, and other topics such as the setting of priorities, interpersonal relationships, and the development of the self.

Title: Guided Study
Description: This class provides 1-1 MH support, allows students to participate in individual skill building, and partners with teachers to develop classroom specific goals.

<u>Middle School (Grades 6 - 8)</u>
Title: Language Arts
Description: The specific content of Language Arts (grades 6 through 8) class varies, but it is a comprehensive course that combines the study of language arts, literature, and composition. It is designed to help students develop their reading, writing, speaking, and listening skills. The course focuses on a wide range of topics, including grammar, usage, and mechanics; reading strategies, comprehension, and critical thinking; writing, literature, and composition; and research and media. Students learn to analyze texts, make inferences, use evidence to support their interpretations, and draw conclusions. They also practice summarizing, synthesizing, and analyzing texts. The course's writing, literature, and composition component focuses on developing effective written communication skills. They practice different forms of writing, such as argumentative, informative, research, and/or narrative. Students learn how to effectively communicate by reading, writing, and speaking in a variety of ways and exploring language features and forms that are integral to the English language. Through this course, students learn how to effectively communicate in a variety of ways, develop their critical thinking and reading comprehension skills, and become proficient in research and media.

Title: Social Studies
Description: The specific content of Social Studies (grades 6 through 8) class varies but aims to enable students to become competent citizens in a culturally diverse, democratic society and an interdependent world. This course integrates the principles of social sciences and humanities to develop this civic capability, drawing on disciplines such as anthropology, archaeology, economics, geography, history, law, philosophy, political science, psychology, religion, sociology, and appropriate content from the humanities, mathematics, and natural sciences. Ultimately, the intention is to help students make informed and reasoned decisions for the public good.

Title: Math
Description: The specific content of Math (grades 6 - 8) class varies. Still, it draws upon the principles of several different mathematics disciplines and specialties- Algebra, Geometry, Algebra II, Trigonometry, Statistics, Pre-Calculus, and Calculus- and involves content that may apply to a range of consecutive grades. Integrated Math covers topics such as linear equations, inequalities, functions, financial literacy, and trigonometry. It also covers topics related to geometry, including angles, polygons, and circles. In addition, the course explores topics in statistics, including probability, correlation, and regression. Students will learn how to solve problems using mathematical models. This course provides a comprehensive view of how mathematics is used in real-world situations.

Title: Science
Description: The specific content of Science (grades 6 - 8) class varies and draws upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organizes the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme or phenomenon. By combining traditional science disciplines, students are able to gain a more comprehensive understanding of the scientific process and how the various disciplines work together.

Title: Visual Arts
Description: The specific content of the Visual Arts (grades 6 - 8) class varies and enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Common themes covered include observation, interpretation of the visual environment, visual communication, imagination, and symbolism. This course covers the language, materials, media, and processes of art forms and design elements used.

Title: PE
Description: The specific content of the Physical Education (grades 6 - 8) class provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Title: Advisory
Description: The specific content of the Advisory (grades 6 - 8) class varies and provides an opportunity for students to develop goals, complete weekly screening measures, practice mindfulness/relaxation skills, etc.

Title: Affective Ed
Description: The specific content of the Affective Ed (grades 6 - 8) class varies and is designed to support students in goal setting, executive function, and core course support with an emphasis on processing skills, including goal-setting, decision-making, and other topics such as the setting of priorities, interpersonal relationships, and the development of the self.

Title: Study Hall
Description: This class provides 1-1 MH support, allows students to participate in individual skill building, and partners with teachers to develop classroom-specific goals.

Elementary
Title: Reading and Writing 4th grade
Description: The curriculum of this class is based on the Colorado Academic Standards. Students are surrounded by a variety of good literature and informational text in a climate that encourages thoughtful reflection, sharing, and response. Areas of focus are complex literature, complex informational text, writing to inform and explain, narrative and opinion writing.

Title: Math 4th grade
Description:.This class uses the Bridges program for math instruction which is a comprehensive math curriculum that equips teachers to fully implement the Colorado Academic Standards for mathematics in a manner that is rigorous, coherent, engaging, and accessible to all learners. The curriculum focuses on developing students' deep understandings of mathematical concepts, proficiency with key skills, and ability to solve complex and novel problems. Bridges blends direct instruction, structured investigation, and open exploration. The program taps into the intelligence strengths of all students by presenting material that is as linguistically, visually, and kinesthetically rich as it is mathematically powerful.

Title: Science 4th grade
Description: The curriculum of this class is based on the Colorado Academic Standards.The FOSS science curriculum is taught throughout the year. Students will learn about Magnetism and Electricity for Physical Science, Earth, Moon, and Stars for Earth Science, and Environments for Life Science.

Title: Social Studies 4th grade
Description: The Social Studies standards for fourth grade relate to Colorado history. Students learn about geography, history, economics, and civics as they are related to Colorado.

Title: Visual Arts 4th grade
Description: The specific content of the Visual Arts class varies and enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Common themes covered include observation, interpretation of the visual environment, visual communication, imagination, and symbolism. This course covers the language, materials, media, and processes of art forms and design elements used.

Title: PE 4th grade
Description: The specific content of the Physical Education class provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Title: Reading and Writing 5th grade
Description: The curriculum of this class is based on the Colorado Academic Standards. Students are surrounded by a variety of good literature and informational text in a climate that encourages thoughtful reflection, sharing, and response. Areas of focus are complex literature, complex informational text, writing to inform and explain, narrative and opinion writing. Writing is incorporated into reading. Students will experiment with expository, persuasive, and narrative writing through the writing process with a focus on using all 6 Traits of writing across genres.

Title: Math 5th grade
Description: The curriculum of this class is based on the Colorado Academic Standards. Students will gain a deeper understanding of math and numbers. A major focus of the grade is fractions. This class will use a number of different strategies and procedures to support student learning as well as the standard algorithm. Skills learned in this class will include basic computations, fractions, geometry, problem-solving and measurement.

Title: Science 5th grade

Description: The curriculum of this class is based on the Colorado Academic Standards. This class will explore Living Systems, Weather on Earth, and Mixtures and Solutions.

Title: Social Studies 5th grade
Description: This curriculum is based on the Colorado Academic Standards. This class will study the history of the United States from European exploration of the western continents to the establishment of the thirteen colonies. This class will also explore some of the major events of the 20th Century. Students will learn about map skills, exploration, colonization, personal financial literacy, the American Revolution and U.S. Constitution.

Title: Visual Arts 5th grade
Description: The specific content of the Visual Arts class varies and enables students to explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and to create individual works of art. Common themes covered include observation, interpretation of the visual environment, visual communication, imagination, and symbolism. This course covers the language, materials, media, and processes of art forms and design elements used.

Title: PE 5th grade
Description: The specific content of the Physical Education class provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

<u>Clinical Courses (grades 4 - 12)</u>
Title: Unified Protocol (UP) Skills
Credits: 0
Description: This class focuses on teaching 6 skills to manage a range of mental health challenges including anxiety, depression, and anger

Title: Unified Protocol (UP) Exposure
Credits: 0
Description: This class is aimed at reducing avoidance behavior & building emotional tolerance to strong/difficult emotional reactions through structured exercises.
Title: Healthy Lifestyle
Credits: 0
Description: This class promotes physical activity, balanced nutrition, adequate sleep, etc. to encourage lifelong healthy habits.

Title: Movement
Credits: 0
Description: Fosters body awareness, stress reduction, etc. through guided movement exercises that connect physical sensations with mindful practices.

Title: Check in & Check Out
Credits: 0
Description: This class provides an opportunity for students to develop goals, complete weekly screening measures, practice mindfulness/relaxation skills, etc.

Title: Social Skills
Credits: 0
Description: This class focuses on the teaching of foundational social skills and experiential practice of skills each week.

Title: Supported Academics
Credits: 0
Description: This class provides 1-1 MH support, allow students to participate in individual skill building, and partner with teachers to develop classroom specific goals (e.g. Edmentum goals).