



## Wayne Carle Course Description 6th Grade

### **CORE COURSES: FULL YEAR**

#### **Science 6**

Science courses include subject matter from several strands of science, including earth/space sciences, physical sciences, and life sciences, and are organized around conceptual units. Specific content depends upon Colorado Academic Standards for middle school.

**One time materials fee: \$2.50 for Science Notebook**

#### **English Language Arts 6**

English/Language Arts 6 incorporates five aspects of language arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and non-fiction. These courses may emphasize the use of language for different effects, in different contexts, and for different purposes.

**Language Arts Novel Cost: \$8.00**

#### **Strategic Reading**

The content of this course depends upon students' abilities and/or diagnosed reading needs. Strategic Reading is intended to improve a student's comprehension level, fluency rate, critical thinking and analysis skills, and/or word knowledge and vocabulary. This course is paired with 6th grade Language Arts to provide a double dose of reading instruction.

#### **Social Studies 6**

Western Hemisphere incorporates history, geography, economics and civics concepts throughout the year. Students will examine regions of North, Central and South America to learn about three major themes: Development of Cultures Over Time, Economic Success and Political Change, and Exploring Geographic Issues. Students also complete an in-depth study of personal finance and career exploration as part of their economics standards. This work leads to the development of their Naviance career planning that will continue in 7th grade and throughout their high school courses.

#### **Mathematics 6**

This course is aligned to the grade 6 CAS (Colorado Academic Standards in Mathematics) and follows Jeffco's 6th grade curriculum. The course emphasizes proficiency in skills involving understanding ratio concepts and using ratio reasoning to solve problems; applying and extending previous understanding of multiplication and division to divide fractions by fractions; computing fluently with multi-digit numbers and find common factors and multiples; applying and extending previous understanding of numbers to the rational number system and arithmetic to algebraic expressions; reasoning about and solving one-variable equations and inequalities; representing and analyzing quantitative relationships; solving problem including area, surface area and volume; developing understanding statistical variability and distributions.

#### **Math 6/7**

This course is aligned to the grade 7 CAS (Colorado Academic Standards in Mathematics) and follows Jeffco's 7th grade curriculum. The course emphasizes proficiency in skills involving analyzing proportional relationships; applying and extending understanding of operations to all rational numbers; using properties of operations to generate equivalent expressions; solving real-life and mathematical problems using numerical and algebraic expressions and equations; drawing, constructing and describing geometrical figures and describing the relationship between them; solving real-life and mathematical problems involving angle measure, area, surface area and volume; using random

sampling to draw inferences; and investigating chance processes and developing, using and evaluating probability models. Placement in Math 6/7 is based on CMAS and MAP scores as well as teacher input.

## **Math Intervention**

A variety of materials are used to help students improve numeracy and other math skills. Instruction is provided through individualized and small group lessons. A variety of student performance data plus 5th grade teacher input are used to determine placement in Math Intervention, and this course is paired with Math 7 to create a double dose of Math instruction.

## **ELECTIVES: FULL YEAR**

### **Concert Band 6**

Concert Band courses provide activities designed to promote students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles, primarily for concert performances.

### **Orchestra 6**

Orchestra courses provide activities designed to develop students' abilities to play string instruments, covering a variety of string and orchestral literature styles.

## **ELECTIVES: SEMESTER**

### **Visual Arts: Level 1**

Art courses provide activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. We focus on lessons that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, make connections to their lives, develop their own aesthetic, make choices in directions projects take and strengthen their critical abilities. Students are encouraged to find their own artistic voice through a wide variety of art mediums.

**Materials fee: \$15**

### **World Languages and Cultures**

World Languages and Cultures provides an introduction to second language acquisition and world cultures through the exploration of two or more different languages spoken in different countries. This course may emphasize recognition of written words, vocabulary, speech and grammar patterns as well as cultural aspects (major events, foods, art, etc.). Languages taught are selected by the instructor. This course does not meet criteria for the Colorado or Jeffco Seals of Bilingualism; however, it is a pathway to Spanish 101 and 102 at the middle school level, allowing students to enter high school in Spanish 2.

### **Intro to Family & Consumer Science 6**

Family and Consumer Science courses are inclusive studies of knowledge and skills that are useful for the efficient and productive management of the home. Course topics typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions and personal financial management; and interpersonal relationships.

**One time materials fee: \$15**

### **Physical Education 6 (Semester or Full-Year)**

Specific content covers state standards for Grade 6. This course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique, teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

**One time materials fee: Wayne Carle t-shirt and shorts \$11.50.**

### **Team Sports 6/7**

Team sports courses provide students with the knowledge, experience, and opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, and so on).

## **Fitness and Conditioning 6/7**

Fitness/Conditioning courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

## **Science Elective**

Calling all science enthusiasts, join us for a semester of exploring science! Throughout this semester-long course, we will explore many areas of science including the following: the scientific method, legendary scientists, bugs, marine biology, and forensic science. Each topic will be covered and explored for about 3 weeks and will contain labs and hands-on activities.

## **Introduction to Technology Education**

Introduction to Tech. Ed. will familiarize students with the tools and machines that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) drawing and planning, computer-aided drafting, electricity, graphic arts, woodwork, plastics, power technology, and career exploration. Emphasis will be placed on safety and proper use of tools.

**Materials fee: \$20.00**

## **Book Club**

Book club is an elective class created for students who love to read (and some students who “want” to love to read). This course is designed to capture the attention of young readers and engage them with young adult literature. Students receive effective strategy instruction, write in response to literature, and learn to take part in meaningful peer discussions. While this class is designed for the pure joy of reading, it will also provide students opportunities to interact with complexity to texts.

## **Musical Theater 6/7 (semester 1)**

If singing and acting is your passion, this is the class for you! We will be putting together a full length musical this semester with costumes, sets and all! Join us for the fun!

## **Theater Arts/Drama 6/7 (semester 2)**

Drama courses enable students to express themselves through dramatic play and storytelling. Course content typically includes the use of movement, language, character, plot, and spectacle to portray imaginary or real experiences. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their world view, and strengthen their critical abilities.

## **Choir (semester or full year)**

Choir courses provide the opportunity to sing a variety of choral literature styles for mixed voices and are designed to develop vocal techniques and the ability to sing parts. If you like to sing and want to learn how to read music, this is the course for you. You will have at least two concerts as well as other performance opportunities. Through singing, you will learn proper breathing, posture and vocal production.

## **GT Enrichment (Grades 6/7)**

This class is designed for students with Advanced Learning Plans who are self-directed, self-motivated learners. Students choose projects, which may take many forms, and complete them under the supervision of a teacher. Projects involve planning, research, and a high degree of personal reflection. This class provides opportunities for independent, high achieving learners to explore areas of interest. This is a participatory class, for the highly motivated learner, where students will be engaged in higher level thinking and autonomous learning. The research process, project design and development, and presentation techniques go beyond the scope of conventional learning. Students will be selected based on an application process ([click here](#)) and teacher recommendation.

**Note: Depending on student numbers and staffing, all elective course offerings and fees are subject to change.**