

# **CHELAN MIDDLE SCHOOL**



**2022 – 2023  
COURSE DESCRIPTION  
CATALOG**

## **NONDISCRIMINATION FOR SCHOOL PUBLICATIONS**

Lake Chelan School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employee(s) has been designated to handle questions and complaints of alleged discrimination:

**Title IX / Civil Rights Compliance Coordinator: Tamar Burns**  
Human Resources, (509) 682-3515 or [burnst@chelanschools.org](mailto:burnst@chelanschools.org)

**Section 504 / Special Education / ADA Coordinator: Sarah Clarkes**  
(509) 682-7744 or [clarkes@chelanschools.org](mailto:clarkes@chelanschools.org)

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## TABLE OF CONTENTS GENERAL CATEGORIES

GENERAL INFO	PAGE 1-2
<u>LANGUAGE ARTS</u>	PAGE 3
<u>SCIENCE</u>	PAGE 4
<u>BAND</u>	PAGE 5
<u>COMPUTERS</u>	PAGE 6
<u>MATHEMATICS</u>	PAGE 7-8
<u>GENERAL ELECTIVES</u>	PAGE 9-10
<u>SOCIAL STUDIES</u>	PAGE 11
<u>PHYSICAL EDUCATION</u>	PAGE 12
<u>SPECIAL SERVICES</u>	PAGE 13

# LANGUAGE ARTS



## **LANGUAGE ARTS 6**

**GRADE: 6**

Sixth grade language arts is a combination of writing and reading. Students work to develop their reading, writing and grammar skills to meet Washington State Common Core Standards. We primarily use the *Collections* curriculum.

## **LANGUAGE ARTS 7**

**GRADE: 7**

Seventh grade language arts is a combination of writing and reading. Students work to develop their reading, writing and grammar skills to meet Washington State Common Core Standards. We primarily use the *Collections* curriculum.

## **LANGUAGE ARTS 8**

**GRADE: 8**

Eighth grade language arts students participate in activities to develop their reading, writing, and editing skills to meet Washington State Common Core Standards. To help students master these standards, we primarily use the *Collections* curriculum, which incorporates complex questioning strategies, traditional and modern texts, and multi-media tools.

## **ELA ACADEMY**

**GRADES: 6 / 7 / 8**

ELA Academy is a literacy intervention class, providing supports for students who have scored below grade level in reading. The primary curriculum is Lexia PowerUp, an online program that addresses three strands of literacy: Word Study, Grammar, and Reading Comprehension. The placement test identifies students' needs in each strand so that students practice skills that are needed in other classes. As students use the program, additional student needs are identified, and teacher interventions and review opportunities are available.

## **READ 180**

**GRADES: 6 / 7 / 8**

Read 180 is a comprehensive system of curriculum, instruction, and assessment to raise reading achievement for struggling readers. A team-taught curriculum to those below grade level to bring them up to standard using interesting and relevant story books.

# SCIENCE



## **SCIENCE 6**

### **GRADE: 6**

6th grade science includes Electricity Waves and Information Transfer, Structure and Function (cells, plants, and animals), and Weather and Climate. Students will explore science using models, microscopes, and experiments.

## **SCIENCE 7**

### **GRADE: 7**

7th Grade Science students explore the natural world from microscopes to telescopes. They start off the year learning about basic cell structure and function, which then leads into studying human body with focus on the digestive system. They finish the year studying astronomy, including the earth-moon-sun system, structure of the solar system, and beyond. Emphasis is on science and engineering practices, such as experimental design, engaging in argument from evidence, and developing and using models.

## **SCIENCE 8**

### **GRADE: 8**

8th Grade Science will involve the study of up to three different units, along with review of important scientific method ideas (how scientists' study & discover), and important ideas in how to measure properly, present data accurately, and communicate effectively. One unit, Energy, Forces, and Motion will investigate different forces and how those forces change the motion of objects, and energy concepts including the different forms energy can take. A second unit, Matter & Its Interactions, students will become familiar with matter at the particulate and atomic level; they will make observations about matter, investigate physical & chemical changes, develop and use models to describe its composition and behavior. A third unit, Genes and Molecular Machines, will look at cellular and organism reproduction, and the role of genes and DNA in the reproduction process, production of traits, and variations of those traits.

# BAND



## **BAND 6**

## **GRADE: 6**

This is a performance class in a concert band setting, open to all 6th grade students who have been part of 5th grade band and/or have experience playing a concert band instrument. This class rehearses and builds individual and ensemble skills and techniques. Performances are a major requirement and include 3 evening performances and misc. other events throughout the school year.

## **BAND 7/8**

## **GRADES: 7 & 8**

This is a performance class in a concert band setting, open to all 7<sup>th</sup>/8<sup>th</sup> grade students who have been part of 5<sup>th</sup> or 6<sup>th</sup> grade band and/or have experience playing a concert band instrument. This class rehearses and builds individual and ensemble skills and techniques. Performances are a major requirement and include 3 evening performances, 2 parades, HS graduation, and misc. other events throughout the school year.

# COMPUTERS



## **COMPUTERS 6**

**GRADE:6**

The student's knowledge in the computer lab will be increased in a variety of ways. During this class, we will primarily be using the Amazon Future Engineers program which focuses on block coding through Scratch. We will also improve on alphabetic keyboarding *by touch* using Typing Agent, explore aspects of Google Suite (Docs, Slides, Sheets...) and increased use of the internet for instructional purposes.

## **COMPUTERS 7**

**GRADE:7**

The student's knowledge in the computer lab will be increased in a variety of ways. During this class, we will primarily be using the Amazon Future Engineers program which focuses on Artificial Intelligence in our world. We will also improve on alphabetic keyboarding *by touch* using Typing Agent, explore aspects of Google Suite (Docs, Slides, Sheets...) and increased use of the internet for instructional purposes.

## **COMPUTERS 8**

**GRADE:8**

The student's knowledge in the computer lab will be increased in a variety of ways. During this class, we will primarily be using the Amazon Future Engineers program which focuses on Artificial Intelligence in our world. We will also learn the computer coding language JavaScript which is used in many industries throughout the world, and increased use of the internet for instructional purposes.

## **ROBOTICS**

**GRADES: 7 & 8**

Using a combination of interactive lessons, concept explanations, videos, puzzles, and DIY projects, Robotics students will write programs to solve various puzzles with their robots. The coding activities build and reinforce STEAM skills in geometry, art, math, and Science. This class may be limited in enrollment.

# MATHEMATICS



## **MATH I**

**GRADE: 6**

Students will be asked to demonstrate knowledge in core mathematics areas through vocabulary, conceptual and procedural knowledge, with an emphasis on demonstrating mastery of Ratio and Proportional Relationships, The Number System, Expression and Equations, Geometry and Statistics/Probability. To accomplish this objective, students will be able to: Make sense of problems and **persevere** in solving them, **Reason abstractly** and **quantitatively**, Construct **viable arguments** and **critique the reasoning** of others, **Model** with mathematics, and Use **appropriate tools** strategically.

## **MATH II**

**GRADE: 6**

This course aims to help students think deeply about the effort and precision/accuracy that are required for proficiency in mathematics. Students will demonstrate mastery of key concepts in Ratio and Proportional Relationships, The Number System, Expression and Equations, Geometry and Statistics/Probability. To accomplish this objective, students will be able to: Make sense of problems and **persevere** in solving them, **Reason abstractly** and **quantitatively**, Construct **viable arguments** and **critique the reasoning** of others, **Model** with mathematics, and Use **appropriate tools** strategically.

## **MATH II**

**GRADE: 7**

Course II Math focuses on pre-algebra concepts including building number sense around positive and negative rational numbers, proportional reasoning, expressions and equations, surface area/volume, statistical analysis, and probability.

## **PRE-ALGEBRA**

**GRADES: 7 & 8**

Students will become proficient in computation with all rational numbers and use proportions to solve a variety of problems. They will understand the need for precision when measuring and use derived units of measure. They will learn the concept of distance and the relationship between distance and the Pythagorean Theorem. They recognize three-dimensional shapes represented in two-dimensional drawings and apply transformations to geometric shapes in the coordinate plane. Eighth graders will find probability of compound events and analyze bivariate data sets. They also will learn to understand recursive forms of linear and exponential relationships and solve two-step equations and inequalities.



## ALGEBRA I

GRADE: 8

This introductory Algebra course assumes that students have mastered the four operations on whole numbers, percentages, decimals, fractions, and that they can solve basic equations in one variable. The course covers linear equations and inequalities, graphing, linear systems, exponents, radicals, quadratic, and exponential equations. Students must be prepared to complete homework on a regular basis since this is considered to be the beginning of the mathematics "college track" pathway. **Class will be counted as HS credit and appear on your student's high school transcript.**

## MATH ACADEMY

GRADES: 6 / 7 / 8

This course aims to differentiate for students to promote proficiency in mathematics. Students will study key "building-block" concepts that are key to mastery of Ratio and Proportional Relationships, The Number System, Expression and Equations, Geometry and Statistics/Probability. To accomplish this objective, students will be able to: Make sense of problems and **persevere** in solving them, **Reason abstractly** and **quantitatively**, Construct **viable arguments** and **critique the reasoning** of others, **Model** with mathematics, and Use **appropriate tools** strategically.

## MATH 180

GRADES: 6 / 7 / 8

This course is a math intervention that focuses on understanding and mastery of the essential skills and concepts necessary to be successful in algebra and advanced mathematics.

# GENERAL ELECTIVES



## **STEM DESIGN**

**GRADES: 7 & 8**

STEM Designs science will be focusing on two basic areas—we will be using Science World magazine as a reading/research/writing component for the class, and we will be using various (building) events from the Science Olympiad competition and other competitions (e.g. International Bridge Building Competition) for the other component. In addition to the projects and readings we do in class, we will often have parts of projects that will need to be finished at home. This is an A/B class rotation (class every other day), which will last one semester. Course studies may include designing and building a bridge (according to the competition rules), possibly design and build a vehicle that carries an egg that must stop a specified distance to keep from breaking the egg (called “Scrambler” in the Science Olympiad competition), or perhaps build a mousetrap vehicle (that meets rules requirements) and/or other projects as determined for that particular semester and Science Olympiad rules for that year. Students may be in this class in consecutive years, as the Science World readings and the projects and/or guidelines will change from year to year.

## **LEADERSHIP**

**GRADES: 7 & 8**

**Leadership** works hand-in-hand with our Associated Student Body (ASB) in planning and promoting fun school events such as Spirit Weeks and Activity Nights. Leadership students also work hard to recognize students and staff through activities such as making and hanging locker posters. Members of the class also seek to raise awareness around issues such as Red Ribbon Week and Unity Month. If you are creative and would love to help make our school even more of a special place, this elective is for you!

## **THE SCIENCE & HISTORY OF FOOD & COOKING**      **GRADES: 7 & 8**

This class will look at food from across the world and how culinary traditions are shaped by culture, geography, and available food sources. We will also look at the science of cooking as we take a tour of world culinary traditions.

## **CURRENT EVENTS**

**GRADES: 7 & 8**

This class is designed to dial students into the pulse of our ever-changing world. Our research and discussion topics range from contemporary world problems, conflict solution, culture, globalization, trade, and other “hot button” topic issues that dominate our national and global media. Students will work to understand bias and research reliable sources, as well as have the opportunity to further investigate current event stories that interest them.

**SPANISH I****GRADES: 7 & 8**

This class is designed to surround students with the Spanish language in a risk-free environment. Students will be given the opportunity to speak, listen, read, and write Spanish. Games and activities will be designed to help students improve their Spanish comprehension. And the best part is...it does not matter if you do not know a word of Spanish OR are a native speaker. There is something for everyone in this class! Grading in this class will be based on participation and effort and not Spanish proficiency.

**LITERATURE REVIEW****GRADE: 6**

This class is designed to analyze different types of literature from short stories, novels, movies etc. Students will compare and analyze written literature to the movies adapted from them and discuss how and why written literature is different from the film adaptations. Students will participate in class discussions, presentations, and other projects.

**CREATIVE ARTS****GRADE: 7 & 8**

This is a class where students will get to explore and engage in a variety of creative activities, along with discovering their hidden artistic talents! Some of the projects we'll be working on are rock painting, scratchboard drawing, watercolor painting, and pottery to name a few. Let the creative juices flow!

**INTRO TO THEATER****GRADE: 7 & 8**

Students will participate in reading, writing, and hands-on activities to learn the basics of theater production. Students will study the components of a script (format, plot, etc.) and how those parts are used to create a stage performance, evaluate and critique theater productions, and write original short scenes. Additionally, students will learn the basics of set design and construction, and they may participate in helping to create sets for middle and high school drama club productions.

# SOCIAL STUDIES



## **SOCIAL STUDIES 6**

**GRADE: 6**

Social studies learning in sixth grade is world history and geography. We look at world history from its beginnings. Students are given an opportunity to study a few ancient civilizations deeply. In this way, students develop higher levels of critical thinking by considering why civilizations developed where and when they did and why they declined. Students analyze the interactions among the various cultures, emphasizing their enduring contributions and the link between the contemporary and ancient worlds.

## **SOCIAL STUDIES 7**

**GRADE: 7**

7th grade Social Studies is divided into two components. The first semester our focus is Washington State history. \*\* This section is also a graduation requirement. Second semester the focus shifts to Medieval History and leads up to the 1700's of World History.

**\*\*Washington State History is a High School graduation requirement. Students must pass 1<sup>st</sup> semester Social Studies 7 to receive credit and meet state standards. Those students who do not pass will be required to take an additional HS class in WA State History to meet this requirement. \*\***

## **SOCIAL STUDIES 8**

**GRADE: 8**

During the 8th grade year, students will investigate the "American Story" beginning with the American Revolution and ending with the Civil War and the rebuilding of our nation that followed. The world was changing and the birth and growth of the United States was an extraordinary period of history. We will strive to understand how the United States came to be and how we almost lost it all.

# PHYSICAL EDUCATION



## **P.E.**

**GRADES: 6 / 7 / 8**

All classes are co-educational and include individual and team sports based on promoting lifetime fitness as well as emphasis on lifelong activities. Participation is the main portion of the student's grade. Participation includes attendance, being prompt, wearing the proper activity uniform, having a positive attitude, working toward and giving your best effort.

## **HEALTH**

**GRADES: 6 / 7 / 8**

Health will use the curriculum 'Life Skills Training' to help students promote their health and personal development.

# SPECIAL SERVICES



## **BEGINNING ELD**

ELD class is for all Middle School non-native English speakers. This class provides additional support in core classes as well as dedicated language acquisition instruction for students that are learning English.

## **3D ELD**

This class is designed to accelerate academic language development for Progressing English Language Learners. We use the 3D curriculum and focus mainly on academic speaking and writing.

## **SPECIAL EDUCATION**

This intervention course is designed to help students increase their reading, writing, and math skills to be successful in their current ELA or math classes. Students will receive individual instruction on skills.