

CHELAN MIDDLE SCHOOL



2021 – 2022
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

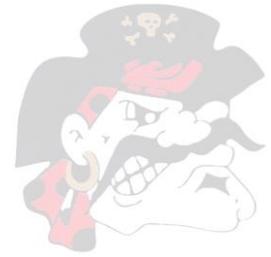
Section 504 / Special Education / ADA Coordinator: Sarah Clarkes
(509) 682-7744 or clarkes@chelanschools.org

Lake Chelan School District, PO Box 369, Chelan, WA 98816

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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 three different units, along with review of important scientific method ideas (how scientists' study & discover), and important ideas in how to measure properly and present data accurately. The first 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. The second unit, Space Systems Exploration, will help students to develop a better understanding of the relationships among the bodies within our solar system and beyond. The 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

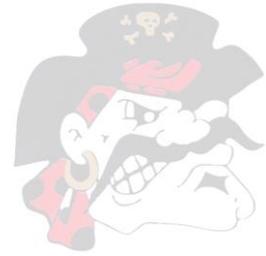
This is a performance class in a concert band setting, open to all 6th grade students who have been part of 5th grade band and/or have experience playing a concert band instrument. This class rehearses and builds individual and ensemble skills and techniques. Performances are a major requirement and 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 7th/8th grade students who have been part of 5th or 6th 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 students' knowledge in the computer lab will be increased in a variety of ways. During this class we will improve on alphabetic keyboarding *by touch*, explore more aspects of Microsoft Office: Word, Excel, and Power Point, desktop publishing programs, as well as increased use of the Internet for instructional purposes.

COMPUTERS 7

GRADE: 7

The students' knowledge in the computer lab will be increased in a variety of ways. During this class we will improve on alphabetic keyboarding by touch, explore more aspects of Microsoft Office: Word, Excel, and Power Point, desktop publishing programs, as well as increased use of the Internet for instructional purposes.

COMPUTERS 8

GRADE: 8

Students in this class will be participating in the Computer Science curriculum called TEALS (Technology Education and Literacy in Schools). This program is presented by Microsoft and will be part of the focus for our 45 days. Other computer science programs will be introduced as well.

This year your student can participate in our new Intro to Computer Science class at Chelan Middle School. Intro to Computer Science is based on The Beauty and Joy of Computing at UC Berkeley. This class uses **Snap!** Visual programming language to introduce student to computational thinking. Students will also be introduced to **Kodu Game Lab**. Kodu lets kids create games on the PC via a simple visual programming language. Kodu can be used to teach creativity, problem solving, storytelling, as well as programming. Anyone can use Kodu to make a game, young children as well as adults with no design or programming skills.

Students will also be introduced to **HTML**, Hypertext Markup Language, a standardized system for tagging text files to achieve font, color, graphic, and hyperlink effects on World Wide Web pages. Students will design a basic web page. Students will work through a 4-project lab in **Scratch**, another programming language, and an online community where children can program and share interactive media such as stories, games, and animation with people from all over the world. As children create with **Scratch**, they learn to think creatively, work collaboratively, and reason systematically.

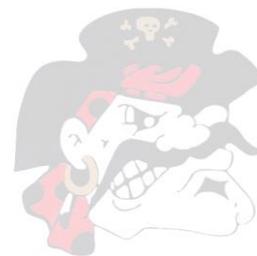
Along with this, students will be working on improving their typing skills by completing a 20 unit typing curriculum called **Microtype**.

DRONES & CODING

GRADES: 7 & 8

Using a combination of interactive lessons, concept explanations, videos, puzzles, and DIY projects, Drones 101 teaches students to write programs that control drones. The coding activities build and reinforce STEM skills in geometry, art, math, and science. This class may be limited to 30 students.

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 design 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 events from the Science Olympiad competition for the other component. In addition to the projects, labs, and/or research we do in class, we will often have projects & research that will need to be finished at home. This is an A/B class rotation, which will last one semester. Course studies may include designing and building a **bridge** (according to the rules of the International Bridge Building Competition, 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), and/or other projects as determined for that particular semester. 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 the students into the pulse of our ever-changing world. Our research and discussion topics range from Contemporary World Problems, Conflict Solution strategies, Culture, Globalization, Trade, Geography and other “hot button” issues that dominate our national and global media. We are using Channel One News online as a daily entry task to educate us on what’s happening around the world. In addition to Channel One News, we are incorporating Junior Scholastic Current Event Magazine into our lessons. Students use this curriculum for close readings, data analysis, and real-world solution application. Both curriculums are tied to the CCSS and offer several reading, speaking and listening exercises. Most recently, this class created Poster Biographies to celebrate Hispanic Heritage Month.

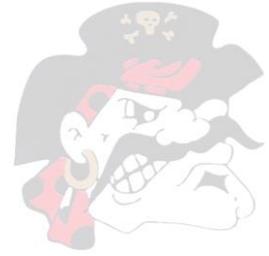
SPANISH I**GRADES: 7 & 8**

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.

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 1st 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

Using the Health Book and a Curriculum called Project Happiness, students learn to make decisions based on their well-being and ability to adapt.

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.