

LAKE CITY

**Columnneetza Junior
Secondary School**

**Student Programming
Handbook 2024-2025**

GRADE 9

FALCONS

Welcome to Grade 9

Welcome to Grade 9. Our program provides each student with an excellent learning experience designed to assist in making a successful transition to the secondary school graduation program. The Grade 9 program is designed to provide a safe, supportive, and caring environment where students can explore their interests and express their individuality in a semester system. Grade 9 is a unique year as it reinforces past knowledge and offers the chance to explore future interests.

We look forward to meeting our new Grade 9 students and we hope that you will enjoy secondary school. Our staff will assist you in your learning experiences, and, in turn, we expect that you will make every effort to ensure your success. We encourage students and parents to communicate with the school. If you have questions or concerns, please call one of the numbers below.

Administration:

Ms. Hattie Darney, Principal

Mr. Matthew Cullum, Vice Principal

Ms. Alina Cameron, Vice Principal

Counsellors:

Ms. Tara Burtenshaw &
Mr. Jonathan Harding

Indigenous Support Worker:

Mr. George Fraser, Mr. Jordy Moise &
Ms. Katrina Wilde

Youth Engagement Worker:

Ms. Courtney Mailhot

Columnetza Junior Secondary School 250-392-4158

Please check out our website and Facebook page☺
Facebook Page: Lake City Secondary

GRADE 9 STUDENTS TAKE THE FOLLOWING COURSES:

Required Credits

- English 9
- Mathematics 9
- Physical Education 9 or Physical Education Fitness & Conditioning 9 or Hockey 9 or Aquatics 9
- Science 9
- Social Studies 9

Languages (Optional)

- Carrier 9
- Tsilhqot'in 9
- French 9
- Secwepemc 9
- Spanish 9

Electives (Optional)

Term Courses

- Art Studio 9
- Baking 9
- Ceramics & Sculpture 9
- Computer Coding 9
- Concert Band 9
- Cooking 9
- Drafting 9
- Drama 9
- Drawing & Painting 9
- Film & TV 9
- First Peoples Art 9
- Guitar 9
- Metalwork 9
- Leadership/Yearbook 9
- Power Technology 9
- Robotics 9
- Woodwork 9
- Wood Carving 9

CORE COURSES

English 9 – reading, listening, viewing, writing, speaking & representing (through story/text, strategies & processes, language features, structures & conventions)

Mathematics 9 – reasoning & analyzing, understanding & solving, communicating & representing, connecting & reflecting (operations, exponents, polynomials, 2-variable linear relations, multi-step 1-variable linear relations, proportional reasoning, statistics, and financial literacy)

Science 9 – questioning & predicting, planning & conducting, processing & analyzing data & information, evaluating, applying & innovating, communicating (asexual reproduction, sexual reproduction, element properties, electrons/compounds, circuits, voltage, current & resistance, effects of solar radiation, matter cycles, sustainability of systems, First Peoples knowledge of interconnectedness & sustainability)

Social Studies 9 – Period of Study: 1750 – 1919 through inquiry, questioning, gathering & interpreting evidence, analyze ideas, communicate findings, assess & compare people, places & events, assess the justification of competing historical accounts, compare & contrast, assess prevailing conditions and actions of people affect events, decisions, or developments, infer different perspectives, norms, values, worldviews & beliefs, recognize judgements, and make reasoned ethical judgments about past and present actions

Physical Education 9 or Physical Education Fitness & Conditioning 9 – physical literacy, healthy & active living, social & community health, mental well-being (EASE curriculum)

Hockey 9

This program is offered to grade 9 students. This season we a basic skills development program will be offered. The goal of this class is to afford the opportunity to students who have previously had no opportunity to play the sport. Equipment is required, but the school can help with equipping players with hockey gear if players do not have equipment.

For more information please contact Terry Duff at 250-392-6284 or terry.duff@sd27.bc.ca

Aquatics 9

The Aquatics Course is open to students in Grade 9 and is designed to enhance the student's physical fitness and skills in an aquatic setting. Some previous swimming skills are required (level 10 Red Cross equivalent). The course will cover swimming skills, fitness, teaching, mentoring, games, activities, and lifesaving skills. Most sessions, but not all, will be at the aquatic center. This course will be taken instead of P.E. 8. The primary focus of the Aquatic curriculum is to develop proficient technical skills and fitness in swimming activities, mentor and teach swimming skills, and enhance safety and lifesaving skills.

The option to achieve “certification” in some skills will be an additional cost.

LANGUAGES: Highly recommend for Post-Secondary entrance requirements

- Carrier 9
- Tsilhqot'in 9
- French 9
- Secwepemc 9
- Spanish 9

FRENCH IMMERSION 9 PROGRAM

Instruction is in French and students are expected **to speak French at all times** in the French Immersion classes. The French Immersion courses follow the same curriculum as the equivalent courses in English. Students still enroll in English 9, 10, 11, and 12, as the Français Langue courses do not replace them.

Required Courses:

English 9

Science 9

Math 9

Art Visuels 9

Sciences Humaines 9

Français Langue 9

Physical Education 9 or Physical Education Fitness & Conditioning 9 or Hockey 9 or Aquatics

LEARNING SUPPORT & LIFE SKILLS

Additional support will be provided for students who require adaptations to the curriculum. This will be provided through support blocks, in class support or pull out intervention. Additional help for students is available from the Learning Support staff. Furthermore, students requiring physical, and sensory support during the day will receive additional support from the Resource Teacher and Education Assistants.

INDIGENOUS SUPPORT

Social and academic support will be provided to Indigenous students through our Indigenous Support Workers' offices and through additional offerings in the school throughout the year.

ELECTIVES – APPLIED SKILLS/FINE ARTS

ART STUDIO 9

Can't decide between Drawing & Painting 9 (2D) and Ceramics and Sculpture 9 (3D)? This course dabbles in a little bit of both worlds. Get your hands dirty with some ceramic and plaster projects; get refined in the manipulation of the pencil and the brush. We will study some art history and some rules for creating art along the way. If we're lucky, we may also get to create some large-scale decorations for a school dance.

BAKING 9

This section focuses on baking, including muffins, cakes, cinnamon rolls and much more. Safe food preparation techniques and healthy food choices are a part of the course while you bake a selection of tasty treats.

CERAMICS & SCULPTURE 9

In this course we will work in 3 Dimensions, exploring several mediums and techniques. Come manipulate paper through space and celebrate variations of texture. Combine separate images into a cohesive design for relief carving into plaster blocks. Hand build ceramic sushi sets that explore theme. Throw cups and bowls on the pottery wheel and sharpen your skills in glazing. Students will work with different ideas for each art material and be encouraged to develop their own style. We will study some art history and some rules for creating art along the way. If we're lucky, we may also get to create some large-scale decorations for a school dance.

COMPUTER CODING 9

In this course, students enter the world of computer science by learning how to create animations, the basics of coding, and introductory robotics. The focus of this course will be to introduce students to the basics of several computer concepts and applications including: coding for basic animation, introductory visual coding using icons and blocks (code.org), full text-based coding languages (Python, JavaScript), and culminating in connecting coding to basic robotics. No previous programming skills are required, but students should be comfortable using a computer and browser, and managing files. Students are expected to be familiar with standard computer operations (e.g., login, cut & paste, email attachments, etc.). This course is highly recommended for those students interested in taking Robotics and other computer-related courses.

CONCERT BAND 9 (counts for 2 elective choices)

It is important that you have a basic understanding of notation and music reading skills to be successful in this course. Recommended instruments in this course include flute, oboe, clarinet, alto and bass clarinet, alto, tenor and baritone saxophone, trumpet, trombone, Baritone, French horn, tuba, percussion, xylophone/bells and electric bass. There is no opportunity for guitar players to participate in concert band. We will be covering more advanced music of many styles like marches, program pieces, pop music and music from other cultures. We will also continue with theory concepts, music history and composition. Students who want to continue making music, exploring diverse musical styles, and develop as musicians in a positive group setting are welcome in Concert Band 9! Performance is a mandatory part of participating in Concert Band.

COOKING 9

This section focuses on safe food preparation techniques that will have students preparing light meals and healthy snacks including soup, pasta, perogies and more.

DRAFTING 9

This course introduces students to the concepts of design and visual communication by developing skills in technical drawing. As an exploratory course, many areas will be covered including sketching, modeling, 2D and 3D drafting, AutoCAD, and **3D Printing**. Students will become familiar with mechanical drawings, architectural design and gain other skills that can be transferred to many other areas of design. These skills will assist your development in senior Technology courses. If you are interested in design, engineering, fashion, construction and the trades, this course will develop an excellent set of skills for many career and life choices.

DRAMA 9

Drama 9 (*acting focus*) offers the opportunity for students to explore a range of performance styles from both the audience and actor's perspectives. Units may include improvisation, play-building, reader's theatre, mask-construction, and stage-fighting. Attendance, attitude, and a willingness to take risks and work with others is required to make this course a success.

DRAWING & PAINTING 9

This course is designed for 2-Dimensional work in various mediums and experimenting with many techniques. Develop your aesthetic through collage, drawing and painting. Possible additions are printmaking and batik art. We will study some art history and some rules for creating art along the way. Students build skills throughout the term to have the proficiency to work on a Legacy Locker as a final project. If we're lucky, we may also get to create some large-scale decorations for a school dance.

FILM & TELEVISION 9

This course is designed for people who want to learn how to film and how to edit footage into something that looks great. Projects may include stop-motion animation, commercials, interviews, short dramas, music videos, and news stories. You will also learn the basics of lighting, and microphones for films. The computer software starts very easy and progresses into programs you could use professionally. And of course we will study classic movies and TV shows and discover some of the features that made them classics that they are.

FIRST PEOPLES ART 9

This course is designed for those with an interest in visual art through an Indigenous lens and perspective (beading, painting, sewing and weaving to name a few). There will be a focus on various techniques and mediums, art history and modern art makers and movements. There will also be an exploration of rules for creating art over this 10 week course.

GUITAR 9

Guitar is designed for students that do not have any or very little experience playing guitar, however, guitar players of ALL levels are welcome. Students will learn the basics of technique, chord building, reading tab, strumming patterns and chord progressions. Assignments and projects will be adapted so they are appropriate for whatever level the student is at and students will choose which songs they would like to work on. For more experienced players, it would be more of a self-directed course where you are challenged to work at your own level and create some goals to improve your playing. Students are encouraged to bring their own instruments, but school guitars are available to use during class time. Students also have the optional opportunity to engage in song writing, group projects, and performances.

LEADERSHIP/YEARBOOK 9

This course provides students with the opportunity to begin to develop leadership and yearbook production skills. Although all students in the course will receive general instruction on leadership, communication, teamwork, organization, conflict management, photography, copy writing, graphic design, page layout, advertising, and distributing, students will also have the opportunity to focus their development within the area that interests them the most.

METALWORK 9

Students will have FUN learning all the basics of cutting, machining, welding, and finishing metals, while building projects safely and effectively. Projects may include, tool trays, ARC welded logs, and whistles.

POWER TECHNOLOGY 9

This course looks at different aspects of power and energy within technology. In the past we looked at structures (scale building bridges and load testing), Medieval siege weapons (creating a small trebuchet and launching small rocks at set target at distance), Crash test dummies (create a gravity car that holds an egg and must withstand a crash into a wall), Air propelled vehicles (build a CO₂ vehicle and compete against a classmate), Basic energy theory (an introduction to the basic 4 cycle and 2 cycle engine).

Students enrolled in any mechanics course should be prepared to supply their own coveralls.

ROBOTICS 9

This course will involve students in the development, building and coding/programming of a 3D printed robot. Additionally this course will introduce the student to basic programming as well as problem solving strategies. Students will work hands-on in teams to design, build, program and document their progress. The course will consist of introductions into the basic principles of engineering, physics, electronics, mechanics, and computer programming. While building the robots, students will learn the function of basic electronics.

WOOD CARVING 9

This woodwork class is an introductory course in which students learn how to design and make objects from wood materials using carving, turning, and cutting techniques. Students will learn the basic uses and safety procedures for power wood working and wood carving tools. Students will be involved in woodcarving, intarsia, model making, wood turning, and special wood crafting design projects. Projects may include: Chip carving practice, Gouge chisel project (spoon or candy dish), Intarsia project (animal shape), Chisel and Mallet carving (duck), Spindle turning (fish bonker), Headstock turning (small bowl).

WOODWORK 9

Our school has a fully-equipped wood working shop with a variety of power and hand tools. Woodwork 9 covers basic woodworking skills, joinery techniques, and a thorough woodwork safety orientation. Projects include the tote box, the pirate box, the cabinet and the coat rack.