



Course Descriptions 2021/2022 Grade 8

Required Courses:

All Grade 8 students are required to take the following courses:

- Math
- Science
- Social Studies
- English
- Physical & Health Education
- Career Education
- French
- TAG

Elective Courses:

The following are descriptions of our electives. Some courses may not be offered depending on interest and staffing.

Grade 8 students will take four electives over the year, two electives per semester. Electives are offered three times every week for one semester unless otherwise indicated.

Hockey Academy, Band, and Musical Theatre are **year-long courses**. *These specialty programs will take place during Enrichment. As they are scheduled at the same time, you may take only one each year.*

FINE ARTS

Art 8A

Students will learn basic drawing skills and use these to complete the following: zentangle, masks, string art, Op art and cardboard Pop art.

Art 8B

Students will learn basic drawing skills and use various media to create the following projects: One-point perspective, line/contour, Pop art pets, chalk pastels, shading techniques and enlargement pictures.

Sculpture & Pottery 8

Students will learn basic sculptural techniques using clay and paper maché and cardboard.

PERFORMING ARTS

Musical Theatre 8/9

This course involves auditioning for and performing a full-scale production of a musical at the North Peace Cultural Centre in May every year. Students receive instruction in singing, acting, and choreography. Musical Theatre requires considerable commitment outside of regular class time as rehearsals and shows occur after school and on weekends.

No prerequisite.

Stagecraft 8/9

Come learn how to design and run a theatrical performance from behind the scenes! There is no acting in this course! Students will learn the basics of lights, sound, costumes, makeup, marketing a show, and stage management. Crews will design and build the props, set, costumes and advertising for the Christmas show and the Spring Musical in May at the Cultural Center. Students will be required to participate in running rehearsals and performances outside of school hours.

Drama 8

This course will explore improvisation, movement, juggling, character building, pantomime, readers theatre, puppetry and mask work. There will be a basic introduction to theatre history. Students will be asked to perform during class and work towards creating a final performance in one of the above areas.

Music 8

This course will be an introduction to the basic concepts of music. Students will learn basic rhythm patterns using various types of drums, be introduced to basic chords and notes on the guitar, and receive beginning instruction on the piano keyboard. Students will also be introduced to music reading.

Band 8/9

It is expected that the student will develop a keen interest in playing the instrument, advanced technical ability on the instrument, an advanced sense of ensemble playing, and skill and appreciation that will carry on beyond secondary school. Please note that all students will participate in Concert Band performances, evening rehearsals and related activities. Students will be evaluated on intonation, phrasing dynamics, balance, tone quality, tempo, articulation, and style for all performance tests and attitude (self-improvement, commitment, confidence, leadership, pride, involvement and ability to follow instructions).

Materials: Students are expected to provide a Theory text and an ensemble Method book as prescribed by the instructor. Students using district-owned equipment (including percussionists) will be levied a user fee (per instrument) per year to cover costs of scheduled maintenance and offset depreciation.

APPLIED DESIGN, SKILLS AND TECHNOLOGY (ADST)

Woodwork 8A

In this course, students will develop a safe attitude when working in a shop situation. The students will learn how to safely use hand tools and develop their marking and measuring skills on the first project (*Cross Puzzle*). In the second and third projects (a choice from various projects like *Salad Tongs*, *CO2 Dragster*, *Sliding Book Rack*, *Small Boxes*, *Gumball Machine*, *Clocks*, *Wall Shelf*, *Step Stools*, and more), the students will have the opportunity to use most of the power machines in the shop. The fourth project (e.g., *Honey Dipper*, *Spinning Top*, *Pen*) will introduce students to woodturning on the lathe. A final project may utilize the CNC Router and CNC Laser machines on projects like signs, carvings, crib boards and more.

Woodwork 8B

This course will continue developing students' design and building skills in Woodwork, where students will develop a safe attitude when working in a shop situation. Students will have numerous project options that will be different from what they built in Woodwork 8A but will allow them to enjoy woodworking for a full year.

Metalwork 8

This course will focus on:

Safe Operation of; Oxy/Acetylene, MIG, TIG, stick, and arc welders.

Plasma cutting, spot welding, and bead blasting

Hand tools related to metalwork and sheet metal.

Mandatory Projects: Balloon Letter, Key Ring

Other projects:

Balancing man

Tin box

Plasma cutting custom signs or designs

Rings or wire jewelry

Own projects are encouraged depending on time and material.

Robotics 8

In this course, students will learn the basics of programming, coding, & electronics using Arduino software/hardware, along with skills in 3D design. They will also learn essential skills such as collaboration and problem-solving. We will be looking into scientific phenomena, such as Ohm's law & how that applies to making real-life circuits for electronics & robotic systems. In the end, they will make their own "light-show" using the knowledge they have gained.

Computers 8

In addition to improving proficiency with word processing, presentation formats, spreadsheets and coding, students will be introduced to other programs such as 3D printing, web page design, graphic design, vinyl cutter designs (stickers, signs, t-shirts), CNC laser designs (ornaments, signs), sublimation printer designs (t-shirts, coffee mugs). The course will also cover safety, privacy, piracy and ethical concerns surrounding the Internet's use. This course will be mostly project-based and student-directed.

Yearbook 8

This is a computer course where students plan and create the school's yearbook. Students will learn desktop publishing, graphic design, and photography basics while meeting strict publishing company deadlines. The students need real dedication as some outside class time is essential for photographing various events and job completion.

Foods 8

This is a beginner's course introducing students to a basic knowledge of good eating habits and simple cooking skills. Students will study and practice safety procedures when working with food, stoves and equipment. They will learn how to prepare dishes creatively and to serve and eat them appropriately. Cooperative learning and working with team members is an essential part of the course. This is a practical and theoretical course.

LANGUAGES

French 8

Students will work to build fluency and comprehension in both oral and written French. The most effective way to learn language is through participation and enjoyment – in target language activities, in conversation, and in appreciation of culture. Our classes will be designed to be as hands-on and authentic as possible, using music and media, place-based activities (e.g. walks), games, and story, reinforced by more old-fashioned lessons and practice. Students in Grade 8 are required to take a second language course.

PHYSICAL & HEALTH EDUCATION OPTIONS

Physical & Health Education 8

Students participate in basketball, volleyball, soccer, football, softball, gymnastics, dance, fitness and other activities. This class is co-ed. Students have opportunities to experience both team-based games and individual activities. Gym strip and appropriate footwear are required.

Hockey Academy 8

This is a skills-based program that provides students with the opportunity to develop their fundamental hockey skills through both on and off the ice instruction. As part of our program, the students spend time on ice forming skating, puck handling and shooting skills. When the ice is no longer available, we perform off-ice fitness training and discuss health-related topics. Our program is meant to be a supplementary hockey program to help develop players' skills and understanding of hockey.

Academy Fees and Application Required. For more information, please contact Mr. Louie or Mr. Taggart.